

File 344:Chinese Patents S1 S2 S3 Aug 1985-2003/Nov  
 (c) 2003 European Patent Office  
 File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)  
 (c) 2003 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379  
 (c) 2003 Thomson Derwent

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Set	Items	Description
S1	43046	(GOODS OR SERVICE? ? OR SUPPLIES OR RESOURCE? OR MATERIAL - OR MATERIALS OR EQUIPMENT?) (3N) (COST OR COSTS OR PROCUR? OR E- XPENSE? ? OR PRICE OR PRICES)
S2	20370	(JOB OR JOBS OR CONSTRUCTION? OR PROJECT? ?) (3N) (COST OR C- OSTS OR PROCUR? OR EXPENSE? ? OR PRICE OR PRICES)
S3	10883	(AUTOMATE? OR COMPUTERI? OR ELECTRONIC? OR DIGITI? OR DIGI- TAL?) (3N) (ESTIMAT? OR FORECAST? OR CALCULAT?)
S4	0	(BUILDING OR CONSTRUCTION) ( ) (CODE? OR LAW OR LAWS OR REGUL- ATION OR REGULATIONS?) (5N) (CITY OR CITIES OR TOWN OR TOWNS OR LOCATION? ? OR JURISDICTION? ? OR ZIP()CODE? ?)
S5	0	S4(5N) (VALID? OR VERIF?)
S6	17	GAP() ANALYS?
S7	7	AU=(COMO, B? OR COMO B?)
S8	34	S1 AND S3
S9	23	S8 AND IC=G06F
S10	0	S8 AND S6
S11	1	S1 AND S6

?

9/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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01820564 \*\*Image available\*\*  
ELECTRONIC EQUIPMENT

PUB. NO.: 61-034664 [JP 61034664 A]  
PUBLISHED: February 18, 1986 (19860218)  
INVENTOR(s): HARADA YUJI  
SUWA KANAME  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 59-155430 [JP 84155430]  
FILED: July 27, 1984 (19840727)  
INTL CLASS: [4] G06F-015/02  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4  
(PRECISION INSTRUMENTS -- Business Machines)  
JOURNAL: Section: P, Section No. 474, Vol. 10, No. 190, Pg. 24, July  
04, 1986 (19860704)

ABSTRACT

PURPOSE: To offer easily and at a low **cost** an electronic **equipment** having a picture pattern corresponding to a demander's taste in both in a plant and after its delivery, by covering the surface of the equipment body with a sheet, and sticking another sheet having a picture pattern to its surface.

CONSTITUTION: An upper cover 8 for covering the whole surface of the upper side of an **electronic desk calculator** 1 is constituted of the first sheet 15 and the second sheet 16 which have been stuck to each other by an adhesive material 14. A key symbol 3 and a picture pattern 6 are formed on the upper face of the sheet 16 by printing or a photograph. Also, the sheet 15 is fixed to the surface of the equipment body by an adhesive agent, etc., and usually formed in a single color such as white, etc., and a picture pattern, a key symbol, etc. are not formed. In this case the adhesive strength of the sheet 15 and the equipment body is set so as to be stronger than the adhesive strength of between the sheet 15 and 16, and the sheet 16 having the picture pattern 6 can be restuck easily. In this way, in a plant and after the delivery, an electronic equipment having a picture pattern corresponding to a demander's taste can be offered easily and at a low cost.

9/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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00936665 \*\*Image available\*\*  
**ELECTRONIC DESK-TOP CALCULATOR**

PUB. NO.: 57-086965 [JP 57086965 A]  
PUBLISHED: May 31, 1982 (19820531)  
INVENTOR(s): HORII SHOHEI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 55-162941 [JP 80162941]  
FILED: November 19, 1980 (19801119)  
INTL CLASS: [3] G06F-015/02  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4  
(PRECISION INSTRUMENTS -- Business Machines)  
JOURNAL: Section: P, Section No. 140, Vol. 06, No. 171, Pg. 18,  
September 04, 1982 (19820904)

ABSTRACT

PURPOSE: To facilitate verification without increasing the scale of equipment by detecting the coincidence between the contents of an independent memory register and those of a display register and by displaying its result.

CONSTITUTION: An arithmetic result by a key input circuit 1 is stored in a display register 2 and displayed by a display circuit 6. With the independent memory key of the circuit 1, the contents of the display register 2 and an independent memory register 3 are summed up by an arithmetic circuit 5 and the sum is stored in a register 3. For verification, the 2nd arithmetic is performed and when the arithmetic result is inputted to the register 2, the coincidence detection key of the circuit 1 is pushed to input the contents of the registers 2 and 3 to a coincidence detecting circuit 7, when the both are coincident with each other, flashes the contents of the register 2 through the display circuit 6 while error display is done in case of dissidence. Thus, the verification is performed easily without increasing the scale and **cost** of the **equipment**.

9/5/3 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015488290 \*\*Image available\*\*

WPI Acc No: 2003-550437/200352

XRPX Acc No: N03-437748

**Charging application service provision method for electronic market, involves calculating charge for customer, when charging confirmation data corresponding to customer charging data is acquired from dealer system of company**

Patent Assignee: FUJITSU LTD (FUIT )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003187172	A	20030704	JP 2001388232	A	20011220	200352 B

Priority Applications (No Type Date): JP 2001388232 A 20011220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003187172	A		13	G06F-017/60	

Abstract (Basic): JP 2003187172 A

NOVELTY - A charging data containing customer charging information are transmitted to the dealer system (200) of the company receiving dealings **price** of **goods**. The charging of customer is performed, when charging confirmation data corresponding to the charging data is acquired from the dealer system of the company.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for charging application service providing apparatus.

USE - For charging customers in electronic market, using internet.

ADVANTAGE - The burden of the charging processing in the company conducting goods dealing with customer is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the charging application service provider (ASP) system. (Drawing includes non-English language text).

dealer system (200)

pp; 13 DwgNo 2/11

Title Terms: CHARGE; APPLY; SERVICE; PROVISION; METHOD; ELECTRONIC; MARKET; CALCULATE; CHARGE; CUSTOMER; CHARGE; CONFIRM; DATA; CORRESPOND; CUSTOMER; CHARGE; DATA; ACQUIRE; DEAL; SYSTEM; COMPANY

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

9/5/4 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015460615 \*\*Image available\*\*  
WPI Acc No: 2003-522757/200349  
XRPX Acc No: N03-414846

**Print job cost management method for high-end printers, involves calculating total cost including printer usage and print job postage costs by using set of predefined attributes and displaying calculated total cost**

Patent Assignee: HEWLETT-PACKARD CO (HEWP ); HOBBS G B (HOBB-I)

Inventor: HOBBS G B

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030084006	A1	20030501	US 20012761	A	20011029	200349 B
DE 10246688	A1	20030515	DE 1046688	A	20021007	200349
GB 2382691	A	20030604	GB 200223595	A	20021010	200349
JP 2003223308	A	20030808	JP 2002313694	A	20021029	200361

Priority Applications (No Type Date): US 20012761 A 20011029

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20030084006	A1		9	G06F-017/00	
DE 10246688	A1			G06F-017/60	
GB 2382691	A			G06F-017/60	
JP 2003223308	A		8	G06F-003/12	

Abstract (Basic): US 20030084006 A1

NOVELTY - An electronic print job request along with a set of predefined attributes, is provided to computer (12). The usage cost including media **cost**, binding **material cost** and printer **cost**, and the postage cost based on media weight, print format and binding option, are calculated using the set of attributes. The total cost is determined by summing postage and usage costs and is displayed.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) program storage device storing program having instructions for managing print job costs.

(2) print job postage cost management method.

USE - For **calculating** cost of printing **electronic** documents such as direct mail advertisement by using high-end printers connected to computer, personal digital assistant (PDA), hand held computer, cell phones, laptop computers.

ADVANTAGE - The total cost associated with production and mailing of sophisticated electronic document is evaluated at the time of designing the electronic document itself.

DESCRIPTION OF DRAWING(S) - The figure shows the structural view of the networked computer system.

computer (12)

pp; 9 DwgNo 1/4

Title Terms: PRINT; JOB; COST; MANAGEMENT; METHOD; HIGH; END; PRINT;  
CALCULATE; TOTAL; COST; PRINT; PRINT; JOB; POSTAGE; COST; SET; PREDEFINED  
; ATTRIBUTE; DISPLAY; CALCULATE; TOTAL; COST

Derwent Class: P75; T01

International Patent Class (Main): G06F-003/12 ; G06F-017/00 ;  
G06F-017/60

International Patent Class (Additional): B41J-029/38; B41J-029/42;  
G06G-007/00

File Segment: EPI; EngPI

9/5/5 (Item 3 from file: 350)



DIALOG(R)File 350:Derwent WPIX  
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015373723      \*\*Image available\*\*  
WPI Acc No: 2003-434661/200341  
XRPX Acc No: N03-347074

Electronic **bidding method involves calculating product of all  
cryptogram rows which are produced corresponding to input goods bid  
price , by tenderer apparatuses**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003141385	A	20030516	JP 2001332096	A	20011030	200341 B

Priority Applications (No Type Date): JP 2001332096 A 20011030

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003141385	A	10	G06F-017/60	

Abstract (Basic): JP 2003141385 A

NOVELTY - Several tenderer apparatuses (B1-Bb) produce respective bid cryptogram rows corresponding to input **goods bid price** . Each cryptogram row is verified and the product of all cryptogram rows is calculated. One of the component in the product is selected and is transmitted to bidding person system (200), to determine the highest bid.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) electronic bid apparatus;
- (2) electronic bidding program; and
- (3) recorded medium storing electronic bidding program.

USE - For performing electronic bidding of goods.

ADVANTAGE - The bid price is kept secret and the electronic bidding is performed with few number of bidding opening person apparatus.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of electronic bidding system. (Drawing includes non- English language text).

tenderer apparatuses (B1-Bb)

pp; 10 DwgNo 1/9

Title Terms: ELECTRONIC; BID; METHOD; CALCULATE; PRODUCT; ROW; PRODUCE;

CORRESPOND; INPUT; GOODS; BID; PRICE

Derwent Class: P85; T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G09C-001/00; H04L-009/32

File Segment: EPI; EngPI

**9/5/6      (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014962757      \*\*Image available\*\*  
WPI Acc No: 2003-023271/200302  
XRPX Acc No: N03-018342

**Server of electronic commerce site calculates selling price of  
goods using prescribed formula, on basis of information on time from  
selling start and total result of questionnaire**

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002279151	A	20020927	JP 200175668	A	20010316	200302 B

Priority Applications (No Type Date): JP 200175668 A 20010316

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2002279151 A 7 G06F-017/60

Abstract (Basic): JP 2002279151 A

NOVELTY - A pair of processors (113,114) are included to perform the questionnaire about goods, from which total of selling volume is obtained. A **goods selling price** calculation processor (115) calculates the selling **price** of **goods** by prescribed calculation formula based on the information on the time from selling start and total result of questionnaire.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) **Goods price** determination method; and
- (2) **Goods price** determination program.

USE - For electronic commerce site.

ADVANTAGE - Since selling **price** of **goods** is calculated by prescribed calculation formula, on the basis of total results, selling **price** of **goods** is set up on line and displayed on web page. **Goods price** is set up automatically thereby time and effort are sharply reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the server of EC site. (Drawing includes non-English language text).

Processors (113,114)

**Goods selling price** calculation processor (115)

pp; 7 DwgNo 1/5

Title Terms: SERVE; ELECTRONIC; SITE; CALCULATE; SELL; PRICE; GOODS;  
PRESCRIBED; FORMULA; BASIS; INFORMATION; TIME; SELL; START; TOTAL; RESULT  
; QUESTIONNAIRE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

9/5/7 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014569005 \*\*Image available\*\*

WPI Acc No: 2002-389708/200242

XRPX Acc No: N02-305657

**Multiple currency value setting method for electronic commerce, involves calculating price value of purchase goods and displaying equivalent foreign currencies with corresponding mode of payment to purchaser**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002109417	A	20020412	JP 2000297067	A	20000926	200242 B

Priority Applications (No Type Date): JP 2000297067 A 20000926

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2002109417 A 10 G06F-017/60

Abstract (Basic): JP 2002109417 A

NOVELTY - The **price** value of **goods** purchased by a purchaser, is calculated by a foreign currency price calculating unit. The calculated price value with various equivalent foreign currencies and corresponding modes of payment, are displayed by a price display unit. The purchaser selects an arbitrary mode of payment from the displayed result through a communication network.

USE - For e-commerce based transaction.

ADVANTAGE - Since seller can increase the ratio of money

transaction without currency exchange, the load and risk of the foreign exchange operators are reduced, thus efficient goods transaction is enabled.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the foreign currency price calculation method. (Drawing includes non-English language text).

pp; 10 DwgNo 14/19

Title Terms: MULTIPLE; CURRENCY; VALUE; SET; METHOD; ELECTRONIC; CALCULATE; PRICE; VALUE; PURCHASE; GOODS; DISPLAY; EQUIVALENT; FOREIGN; CORRESPOND; MODE; PAY; PURCHASE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

9/5/8 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014526480 \*\*Image available\*\*

WPI Acc No: 2002-347183/200238

XRPX Acc No: N02-273642

**Printed circuit board designing method for electronic device, involves calculating number of decoupling capacitors to be mounted near power terminal of large scale integration**

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002073716	A	20020312	JP 2000257528	A	20000828	200238 B

Priority Applications (No Type Date): JP 2000257528 A 20000828

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002073716	A		5 G06F-017/50	

Abstract (Basic): JP 2002073716 A

NOVELTY - The number of decoupling capacitors to be mounted near the power terminal of LSI design, is calculated from the classification and the number of the output terminals of an output buffer of LSI.

USE - For designing printed circuit board used in electronic device.

ADVANTAGE - As the number of the decoupling capacitors is optimized, the high frequency power supply current is reduced and hence stable operation and reduction of electromagnetic interference are ensured. As the mounting space is reduced, **cost** of the **material** is also reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the design method of the printed circuit board. (Drawing includes non-English language text).

pp; 5 DwgNo 1/4

Title Terms: PRINT; CIRCUIT; BOARD; DESIGN; METHOD; ELECTRONIC; DEVICE; CALCULATE; NUMBER; DECOUPLE; CAPACITOR; MOUNT; POWER; TERMINAL; SCALE; INTEGRATE

Derwent Class: T01; V04

International Patent Class (Main): G06F-017/50

International Patent Class (Additional): H05K-003/00

File Segment: EPI

9/5/9 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014443483 \*\*Image available\*\*

WPI Acc No: 2002-264186/200231  
XRPX Acc No: N02-205396

Electronic **-commerce system** calculates **bid price based on goods variation price selected from database and transmits calculated bid price to user**

Patent Assignee: MEGA FUSION KK (MEGA-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002063419	A	20020228	JP 2000252758	A	20000823	200231 B

Priority Applications (No Type Date): JP 2000252758 A 20000823

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002063419	A		8	G06F-017/60	

Abstract (Basic): JP 2002063419 A

NOVELTY - The **price** of desired **goods** chosen by the user, is estimated according to a predetermined rule. Based on the estimated price, the **price** variation of **goods** stored in a database (5) is selected. Based on the selected price variation, bid price is calculated by an execution unit (4) and is transmitted to user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for electronic-commerce method.

USE - Electronic-commerce system.

ADVANTAGE - Enables providing appropriate bid price to user, simply, quickly and flexibly, even when **goods price** and market **price** fluctuates while calculating bid price depending on various conditions. As the electronic-commerce system and the dispatch system of goods are in cooperation, time necessary for dispatch of goods from receiving goods order is reduced. Enables reducing distribution **cost**, management **cost** and **goods** marketing is performed efficiently through internet.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of electronic-commerce system. (Drawing includes non-English language text).

Execution unit (4)

Database (5)

pp; 8 DwgNo 1/9

Title Terms: ELECTRONIC; SYSTEM; CALCULATE; BID; PRICE; BASED; GOODS; VARIATION; PRICE; SELECT; DATABASE; TRANSMIT; CALCULATE; BID; PRICE; USER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

9/5/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014412915 \*\*Image available\*\*

WPI Acc No: 2002-233618/200229

XRPX Acc No: N02-180003

Electronic **commerce involves** calculating **safety factor for specific transaction based on estimated net price of purchased goods and credibility of purchaser**

Patent Assignee: CM GIJUTSU CENT KK (CMGI-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002056329	A	20020220	JP 2000238523	A	20000807	200229 B

Priority Applications (No Type Date): JP 2000238523 A 20000807

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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Abstract (Basic): JP 2002056329 A

NOVELTY - The net estimation **price** of specific **goods** with respect to a specific seller (20) is provided to a purchaser (10), based on a list of goods selected by the purchaser. The credibility of the purchaser is examined, based on request from the seller. A safety factor for the transaction is calculated, based on the estimated net **price** of the **goods** and the credibility of the purchaser.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for electronic commercial system.

USE - Electronic commerce.

ADVANTAGE - Enables safe and reliable transaction of expensive goods, as the credibility of the purchaser is examined before settling the transaction.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of an electronic commercial system. (Drawing includes non-English language text).

Purchaser (10)

Seller (20)

pp; 23 DwgNo 1/15

Title Terms: ELECTRONIC; CALCULATE; SAFETY; FACTOR; SPECIFIC; TRANSACTION; BASED; ESTIMATE; NET; PRICE; PURCHASE; GOODS; CREDIBLE; PURCHASE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

9/5/11 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014385721 \*\*Image available\*\*

WPI Acc No: 2002-206424/200226

XRPX Acc No: N02-157215

Computerized **method of estimating construction project costs by maintaining databases of hardware and cost data with graphical representations of grouped hardware items**

Patent Assignee: MURPHY CO (MURP-N); DUENKE D (DUEN-I)

Inventor: DUENKE D

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200213108	A1	20020214	WO 2001US24873	A	20010809	200226 B
US 20020026343	A1	20020228	US 2000223963	P	20000809	200226
			US 2001925399	A	20010809	
AU 200186421	A	20020218	AU 200186421	A	20010809	200244

Priority Applications (No Type Date): US 2000223963 P 20000809; US 2001925399 A 20010809

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200213108 A1 E 56 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020026343 A1 G06F-017/60 Provisional application US 2000223963

AU 200186421 A G06F-017/60 Based on patent WO 200213108

Abstract (Basic): WO 200213108 A1

NOVELTY - Method consists in maintaining a database of items and

cost data, grouping the items into desired installation sets, selecting the sets based on the project and calculating the cost of the project. A second database of graphical representations is maintained and displayed. The grouped items are HEVAC equipment, plumbing fixtures, supports, electrical fixtures etc.

DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for an **automated** system for **estimating** construction project **equipment costs**.

USE - Method is for determining construction hardware **material** and labor **costs** for construction projects using on-screen tools and instructions walking the user through.

ADVANTAGE - Method provides the user with graphical illustrations identifying equipment for the estimate and prompts for appropriate data.

DESCRIPTION OF DRAWING(S) - The figure shows a mechanical cost estimating system.

pp; 56 DwgNo 1/22

Title Terms: COMPUTER; METHOD; ESTIMATE; CONSTRUCTION; PROJECT; COST; MAINTAIN; HARDWARE; COST; DATA; GRAPHICAL; REPRESENT; GROUP; HARDWARE; ITEM

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**9/5/12 (Item 10 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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014243952 \*\*Image available\*\*

WPI Acc No: 2002-064652/200209

XRPX Acc No: N02-048048

Electronic estimated **processing system in which estimated result information is produced depending on request-for-quotation information produced from user terminal and is transmitted to user terminal**

Patent Assignee: DIAMOND RENTAL SYSTEM KK (DIAM-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001306886	A	20011102	JP 2000125279	A	20000426	200209 B

Priority Applications (No Type Date): JP 2000125279 A 20000426

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001306886	A		6	G06F-017/60	

Abstract (Basic): JP 2001306886 A

NOVELTY - Estimated result information is produced depending on request-for-quotation information produced from the user terminal (4) based on extraction result information sent to the user terminal via the communication network (5). The estimated result information is transmitted to the user terminal via the communication network.

DETAILED DESCRIPTION - An estimated process server (1) extracts corresponding data from the required database based on extraction condition information transmitted from the user terminal via the communication network. The extraction result information is transmitted to the user terminal via the communication network.

USE - For notifying user of e.g. estimated price of an object to be purchased, time for delivery, in **goods procurement** using communication network.

ADVANTAGE - Enables not only estimation with respect to goods of different category but also in various purchase order form.

DESCRIPTION OF DRAWING(S) - The figure is a diagram showing the profile of the **electronic estimated** processing system.

Estimated process server (1)

User terminal (4)  
Communication network (5)  
pp; 6 DwgNo 1/1  
Title Terms: ELECTRONIC; ESTIMATE; PROCESS; SYSTEM; ESTIMATE; RESULT;  
INFORMATION; PRODUCE; DEPEND; REQUEST; QUOTATION; INFORMATION; PRODUCE;  
USER; TERMINAL; TRANSMIT; USER; TERMINAL  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

9/5/13 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013963185 \*\*Image available\*\*  
WPI Acc No: 2001-447399/200148  
XRPX Acc No: N01-331044

**Transaction assistant device used for electronic commerce, re-**  
**estimates reply received within preset time from selling terminal**  
Patent Assignee: FUJITSU LTD (FUIT )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
JP 2001155072 A 20010608 JP 99340149 A 19991130 200148 B

Priority Applications (No Type Date): JP 99340149 A 19991130  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001155072 A 18 G06F-017/60

Abstract (Basic): JP 2001155072 A

NOVELTY - An acquisition unit (20a) obtains estimated request of goods from the buyer terminal. When the reply from selling terminal is received by the buyer terminal within a preset time, the received reply is re-estimated.

USE - Used for electronic commercial (E-commerce) transaction through internet.

ADVANTAGE - Enables the buyer to purchase goods at an optimum price. Also, increases the opportunity for the seller corresponding to the sale of goods or service provision.

DESCRIPTION OF DRAWING(S) - The figure shows the theoretical diagram explaining the principle of operation of transaction assistant device. (Drawing includes non-English language text).

Acquisition unit (20a)  
pp; 18 DwgNo 1/25

Title Terms: TRANSACTION; ASSIST; DEVICE; ELECTRONIC; ESTIMATE; REPLY;  
RECEIVE; PRESET; TIME; SELL; TERMINAL  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

9/5/14 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013293031 \*\*Image available\*\*  
WPI Acc No: 2000-464966/200040  
XRPX Acc No: N00-347053

**On-line commerce conducting method for purchase of goods, involves placing an order as customer agent with vendor if customer accepts purchase price of goods and has concluded arrangement with financial service provider**  
Patent Assignee: EASYCLEAR LTD (EASY-N)

Inventor: KELMAN A B

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200029995	A1	20000525	WO 99GB3674	A	19991105	200040 B
AU 9964824	A	20000605	AU 9964824	A	19991105	200042

Priority Applications (No Type Date): GB 9824984 A 19981113

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200029995	A1	E	25 G06F-017/60	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964824 A G06F-017/60 Based on patent WO 200029995

Abstract (Basic): WO 200029995 A1

NOVELTY - The appropriate classification code is read from customs union database for each product in an electronic shopping basket. The purchase price of each of the goods in the basket is calculated, and the calculated price is communicated to the customer. If the customer accepts the purchase price and has concluded financial services arrangement with cybershopping financial services provider, then an order is placed with the vendor as an agent of customer.

DETAILED DESCRIPTION - The purchase **price** of each **goods** in **electronic** shopping basket is **calculated** by adjusting the vendor's price in accordance with the rules of the customs union and the classification code read from the customs union database. The customer's account is debited with the financial services provider and the appropriate payments are made to vendor, tariff and tax authorities of customs union after placing a goods purchase order of customer to vendor. A customs label is prepared for communication to the vendor that is associated with goods designated for the customer. An INDEPENDENT CLAIM is also included for computer program.

USE - For conducting on-line commerce for purchase of goods across customs union in networked computer system.

ADVANTAGE - Eliminates data protection problems so that a customer can enter into personal contracts for purchase of goods from countries which do not have equivalent data protection laws to those of their data protection union. Enables government to properly manage national economies and data interrogation facilities for customs union by regulated financial services.

DESCRIPTION OF DRAWING(S) - The figure shows high level block diagram of on-line electronic commerce system.

pp; 25 DwgNo 1/4

Title Terms: LINE; CONDUCTING; METHOD; PURCHASE; GOODS; PLACE; ORDER; CUSTOMER; AGENT; VENDING; CUSTOMER; ACCEPT; PURCHASE; PRICE; GOODS; ARRANGE; FINANCIAL; SERVICE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

9/5/15 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012869782 \*\*Image available\*\*

WPI Acc No: 2000-041615/200004

XRPX Acc No: N00-031626

**Electronic price tag that can be altered manually or automatically to show a different price**



Patent Assignee: COULY A J C (COUL-I)

Inventor: COULY A J C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2778775	A1	19991119	FR 986351	A	19980518	200004 B

Priority Applications (No Type Date): FR 986351 A 19980518

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
FR 2778775	A1	6	G09F-003/00	

Abstract (Basic): FR 2778775 A1

NOVELTY - The electronic price tag is in the form of an **electronic calculator** with a display and keyboard. The keyboard can be hidden by a folding cover and sealed with wire and a lead seal. The price can be altered manually using the keyboard, or the unit can be programmed to automatically reduce the price indicated with the passage of time.

USE - **Price** tag for **goods** for sale, particularly seasonal goods or goods with limited shelf-life.

ADVANTAGE - Allows manual price alteration or automatic reduction of price as time passes.

DESCRIPTION OF DRAWING(S) - The drawing shows the top face of the unit opened out for alteration.

pp; 6 DwgNo 1/2

Title Terms: ELECTRONIC; PRICE; TAG; CAN; ALTER; MANUAL; AUTOMATIC; SHOW; PRICE

Derwent Class: P85; T01

International Patent Class (Main): G09F-003/00

International Patent Class (Additional): **G06F-001/14 ; G06F-015/02 ; G06F-017/60**

File Segment: EPI; EngPI

**9/5/16 (Item 14 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012511956 \*\*Image available\*\*

WPI Acc No: 1999-318062/199927

XRPX Acc No: N99-238284

Computerized **building material cost estimation system - computes cost of materials , number of material books, material number of sheets based on obtained order sheet issue and produces estimate value**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11110442	A	19990423	JP 97275531	A	19971008	199927 B

Priority Applications (No Type Date): JP 97275531 A 19971008

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11110442	A	8	G06F-017/60	

Abstract (Basic): JP 11110442 A

NOVELTY - Based on the obtained order sheet issue, the **cost of materials , number of material books, material number of sheets**, are calculated and the estimate is produced. Then, the material of each material shape is sorted to an identical material name, material purchase order production of material unit are done. DETAILED

DESCRIPTION - The classification of the material, is done based on the material shape, size and weight, beforehand and is stored. An information unit collects information about the identical material with the shape in each member units such as ceiling, side plate, a bottom

board, and performs order-sheet issue. When the material name of identical shape is displayed that position is selected, and information corresponding to that stored previously are obtained to produce an order sheet issue.

USE - For estimating **cost** of **material** during construction of small sized building, cash automatic payment machine, unmanned booth, karaoke box, warehouse.

ADVANTAGE - The designer who do not know about material size, weight, can also estimate the expenses, by providing the database in the system. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **computerized building material cost estimation** system.

Dwg.1/15

Title Terms: BUILD; MATERIAL; COST; ESTIMATE; SYSTEM; COMPUTATION; COST; MATERIAL; NUMBER; MATERIAL; BOOK; MATERIAL; NUMBER; SHEET; BASED; OBTAIN; ORDER; SHEET; ISSUE; PRODUCE; ESTIMATE; VALUE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**9/5/17 (Item 15 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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011347011 \*\*Image available\*\*

WPI Acc No: 1997-324916/199730

XRPX Acc No: N97-269052

**Merchandise management appts used in self service system of restaurant - has accounts settlement unit to perform account settlement by cash payment or prepaid card based on displayed price**

Patent Assignee: NAGASHIO Y (NAGA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9128453	A	19970516	JP 95309732	A	19951106	199730 B

Priority Applications (No Type Date): JP 95309732 A 19951106

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9128453	A		7		

Abstract (Basic): JP 9128453 A

The appts has a reading unit (1) to recognise the dishes on a tray. The recognition unit (2) determines the goods by referring a merchandise management table (6) based on the image read by the reading unit.

A calculator (3) adds the individual **price** of the determined **goods** to compute the total price. A display unit (4) displays the total price. An accounts settlement unit (5) performs accounts settlement by cash payment or prepaid card based on the display price.

USE/ADVANTAGE - For recognising dishes e.g. ton cutlet, sliced raw fish, bean paste juice, rice. **Automates calculation** of fee and accounts settlement.

Dwg.1/7

Title Terms: MERCHANDISE; MANAGEMENT; APPARATUS; SELF; SERVICE; SYSTEM; RESTAURANT; ACCOUNT; SETTLE; UNIT; PERFORMANCE; ACCOUNT; SETTLE; CASH; PAY; PREPAYMENT; CARD; BASED; DISPLAY; PRICE

Derwent Class: T01; T04; T05

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G06T-007/00; G07G-001/12

File Segment: EPI

**9/5/18 (Item 16 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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010527811 \*\*Image available\*\*  
WPI Acc No: 1996-024764/199603  
XRPX Acc No: N96-020901

**Interior design proposal system for building - has control part to calculate total price of individual selected goods which are utilized for designing**

Patent Assignee: TOPPAN PRINTING CO LTD (TOPP )  
Number of Countries: 001 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7296048	A	19951110	JP 94107860	A	19940424	199603 B
JP 3436583	B2	20030811	JP 94107860	A	19940424	200354

Priority Applications (No Type Date): JP 94107860 A 19940424

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7296048	A	12		G06F-017/50	
JP 3436583	B2	12		G06F-017/50	Previous Publ. patent JP 7296048

Abstract (Basic): JP 7296048 A

The system involves displaying a room designing image (131) of a building in a display part (130). The goods required for the designing are selected through a goods selection part (120). The selected goods are displayed on a registration goods display part (140) with a photograph (141a), its corresponding number (141b) and its price (141c). The sum price of all the selected goods is displayed on a total price amount display part (142).

**ADVANTAGE - Automates calculation of total price of selected goods . Enables efficient selection of goods for interior design. Eases room designing process.**

Dwg.1/10

Title Terms: INTERIOR; DESIGN; SYSTEM; BUILD; CONTROL; PART; CALCULATE;  
TOTAL; PRICE; INDIVIDUAL; SELECT; GOODS; UTILISE; DESIGN

Derwent Class: T01

International Patent Class (Main): G06F-017/50

International Patent Class (Additional): G06F-017/60 ; H04N-001/387

File Segment: EPI

9/5/19 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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009626686 \*\*Image available\*\*  
WPI Acc No: 1993-320235/199340  
XRPX Acc No: N93-246737

**Automated mfg. cost analysis system - defines number of operations interconnected to form paths for converting initial material to final product, with labour cost and indirect cost allocation based on overheads taken into account**

Patent Assignee: CHARLES STARK DRAPER LAB INC (DRAS )  
Inventor: FOLEY M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5249120	A	19930928	US 91641161	A	19910114	199340 B

Priority Applications (No Type Date): US 91641161 A 19910114

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5249120	A	30		G06F-015/46	

Abstract (Basic): US 524520 A

An **automated** manufacturing cost **estimating** system with indirect **cost** allocation identifies a **material** in an initial state for manufacturing a product in a final state. It defines an operation for converting the material from its initial state into the final state of the product. It calculates the direct labour cost for each operation based on direct labour hours and calculates the indirect cost specifically allocated for each operation based on consumption of overhead cost elements by the operation and sums the cost calculated for each operation to determine the total cost of manufacture of a part.

A cost analyzing system utilizes the cost estimating method and system by identifying a number of different materials in an initial state for manufacturing a product in a final state and defining a number of manufacturing operations for converting each of the different materials from its initial state into the final state of the product. It generates a number of paths through the interconnected operations between the different materials in the initial state and the product in the final state, determining a predetermined cost parameter associated with each operation and accumulating the determined cost parameters along each path.

USE/ADVANTAGE - Automated cost analysis system for estimating cost of mfg. a part. Uses direct and identifiable indirect costs to help user select most economical mfg. process. Eg for thermoplastic composite fabrication cost analysis scheme.

Dwg.5/25

Title Terms: AUTOMATIC; MANUFACTURE; COST; ANALYSE; SYSTEM; DEFINE; NUMBER; OPERATE; INTERCONNECT; FORM; PATH; CONVERT; INITIAL; MATERIAL; FINAL; PRODUCT; LABOUR; COST; INDIRECT; COST; ALLOCATE; BASED; OVERHEAD; ACCOUNT

Derwent Class: T01

International Patent Class (Main): **G06F-015/46**

International Patent Class (Additional): **G06F-015/20**

File Segment: EPI

**9/5/20 (Item 18 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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003097487

WPI Acc No: 1981-K7536D/198142

**Electronic price calculating weighing machine - has switch in front of computer, with two actuators for input operation**

Patent Assignee: VAN BERKEL'S PATENT (VBER-N)

Inventor: SEIBT A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3012818	A	19811008				198142 B

Priority Applications (No Type Date): DE 3012818 A 19800402

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3012818	A		17		

Abstract (Basic): DE 3012818 A

The price registering weighing machine has a memory for preset unit **prices** of **goods** and an input stage with a keyboard. The latter is used for recall of a respective price from the memory, or for input of an independent **goods price**. A computer is used to form the price of the sale. A display indicates the prices and/or weights. In front of the computer is connected a two position switch.

In its first position the switch couples the computer to the memory, while in its second position it provides direct connection to the input stage. The switch has two sequentially arranged actuators,

one for holding the switch in one of its two positions, while the other one brings the switch into its input stage connecting position.

Preferably a signal indicator is associated to the actuators

Title Terms: ELECTRONIC; PRICE; CALCULATE; WEIGH; MACHINE; SWITCH; FRONT; COMPUTER; TWO; ACTUATE; INPUT; OPERATE

Derwent Class: S02; T01

International Patent Class (Additional): G01G-019/41; G06F-003/02 ;

G06F-015/22

File Segment: EPI

9/5/21 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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002172673

WPI Acc No: 1979-K2621B/197944

**Price calculator for electronic oscillation scale - measures difference between two string frequencies and displays result if correct (nl 23.10.79**

Patent Assignee: ESPERA-WERKE GMBH (ESPE-N)

Inventor: SCHULZMETH H D

Number of Countries: 005 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2817205	A	19791025				197944 B
NL 7903146	A	19791023				197945
GB 2023821	A	19800103				198001
FR 2423760	A	19791221				198006
DE 2817205	B	19800807				198033
GB 2023821	B	19820902				198235
IT 1124044	B	19860507				198734

Priority Applications (No Type Date): DE 2817205 A 19780420

Abstract (Basic): DE 2817205 A

The scale has two strings (4, 5), a calculator circuit and a weight store. The calculation function is tested by a test calculation with a predetermined result, with inclusion of the results of the actual price calculation. Display or printing of the weight, unit **price**, **goods price**, etc. depends on the result of the test calculation.

In addn., to the measurement of frequencies of the two strings, their difference is also measured and processed. The result is displayed or printed only when the actual difference of the two frequencies coincides with the measured and processed difference

Title Terms: PRICE; CALCULATE; ELECTRONIC; OSCILLATING; SCALE; MEASURE; DIFFER; TWO; STRING; FREQUENCY; DISPLAY; RESULT; CORRECT

Derwent Class: S02; T01

International Patent Class (Additional): G01G-003/16; G01G-019/41;

G01G-023/37; G06F-015/20

File Segment: EPI

9/5/22 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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002152981

WPI Acc No: 1979-H2922B/197934

**Digital calculator for fractional power functions - uses rapid, error-free iterative adding circuit with prescribed valves fed into decoder**

Patent Assignee: ABDULAEV SH-S O (ABDU-I)

Inventor: ABDULAEV S H S; FEDIN E V; PRIVALIKHI I Y A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 633015	A	19781120				197934 B

Priority Applications (No Type Date): SU 2008940 A 19740328

Abstract (Basic): SU 633015 A

**Digital calculator** described relates to computing and metrology techniques, especially geophysical and radar, concerned with the raising of a function to a given fractional power:  $y = x^m/n$ , where m and n are 1, 2, 3.

The circuit is based on conventional pulse counting and comparing operations involving a decoder of the original set-in values of m and n, with internal gating between a counter, two parallel adders and a comparator. No multiplying or dividing operations are used, thus saving considerable time and complexity in **equipment**. The **cost** of the device compares favourably with that of existing calculators for the purpose.

Title Terms: DIGITAL; CALCULATE; FRACTION; POWER; FUNCTION; RAPID; ERROR; FREE; ITERATIVE; ADD; CIRCUIT; PRESCRIBED; VALVE; FEED; DECODE

Index Terms/Additional Words: GEOPHYSICAL; RADAR

Derwent Class: T01

International Patent Class (Additional): G06F-007/38

File Segment: EPI

9/5/23 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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001241572

WPI Acc No: 1975-C5360W/197510

**Shop electronic balance and price calculator - has simulation of one unit weight for goods at fixed price needing no weighing**

Patent Assignee: GALLO (WIRTH) (WIRT-N)

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 963157	A	19750218				197510 B
GB 1386427	A	19750305				197510
NL 152981	B	19770415				197720

Priority Applications (No Type Date): CH 716281 A 19710428

Abstract (Basic): CA 963157 A

This electronic balance incorporates a weighing or measuring cell and an evaluating device, which calculates the result of the weighing and visually displays the result in numerical form. The evaluating displays the result in keyboard to which is fed the cost per unit weight of the goods which have to be weighed. The cost per unit weight of the goods is multiplied, in a product or multiplication device which is included in the evaluating device, by the weight of the goods concerned, and the effective price to be charged for these goods is thus arrived at, this effective price being simultaneously displayed.

Title Terms: SHOP; ELECTRONIC; BALANCE; PRICE; CALCULATE; SIMULATE; ONE; UNIT; WEIGHT; GOODS; FIX; PRICE; NEED; NO; WEIGH

Derwent Class: S02; T01

International Patent Class (Additional): G01G-019/41; G06F-007/39

File Segment: EPI

11/5/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014876740

WPI Acc No: 2002-697446/200275

XRPX Acc No: N02-549912

Goods and services cost estimation system for building  
construction, validates requested items against similar items validated  
for designated location in database and provides estimated cost

Patent Assignee: COMO B (COMO-I)

Inventor: COMO B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087449	A1	20020704	US 2000681085	A	20001229	200275 B

Priority Applications (No Type Date): US 2000681085 A 20001229

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020087449	A1		54	G06F-017/60	

Abstract (Basic): US 20020087449 A1

NOVELTY - A database stores the actual **cost** of the **goods** and  
services validated for a specific locality. An estimator communicating  
with a **gap analysis** program provides estimated cost of the  
validated requested items, by validating the requested items against  
similar items in the database.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for **goods**  
and **services cost** estimation method.

USE - For estimating job costs, ordering products and managing  
resources of building construction.

ADVANTAGE - The profit is optimized by eliminating the errors in  
estimating the **cost** of **goods** and **services** .

pp; 54 DwgNo 0/26

Title Terms: GOODS; SERVICE; COST; ESTIMATE; SYSTEM; BUILD; CONSTRUCTION;  
VALID; REQUEST; ITEM; SIMILAR; ITEM; VALID; DESIGNATED; LOCATE; DATABASE;  
ESTIMATE; COST

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

File 348:EUROPEAN PATENTS, 1978-2003/Nov W05

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File 349:PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127

(c) 2003 WIPO/Univentio

?ds

Set	Items	Description
S1	40421	(GOODS OR SERVICE? ? OR SUPPLIES OR RESOURCE? OR MATERIAL - OR MATERIALS OR EQUIPMENT?)(3N)(COST OR COSTS OR PROCUR? OR E- XPENSE? ? OR PRICE OR PRICES)
S2	7605	(JOB OR JOBS OR CONSTRUCTION? OR PROJECT? ?)(3N)(COST OR C- OSTS OR PROCUR? OR EXPENSE? ? OR PRICE OR PRICES)
S3	7791	(AUTOMATE? OR COMPUTERI? OR ELECTRONIC? OR DIGITI? OR DIGI- TAL?)(3N)(ESTIMAT? OR FORECAST? OR CALCULAT?)
S4	24	(BUILDING OR CONSTRUCTION)() (CODE? OR LAW OR LAWS OR REGUL- ATION OR REGULATIONS?)(5N)(CITY OR CITIES OR TOWN OR TOWNS OR LOCATION? ? OR JURISDICTION? ? OR ZIP()CODE? ?)
S5	0	S4(5N)(VALID? OR VERIF?)
S6	142	GAP()ANALYS?
S7	0	AU=(COMO, B? OR COMO B?)
S8	40	S1(S)S3
S9	0	S8(S)S4
S10	0	S8(S)S6
S11	33	S8 AND IC=G06F



• 11/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01534635

**Computer based system and method for trading tangible goods via an electronic communication system**

**Rechnerbasiertes System und Verfahren für den Handel von spürbaren Gütern in einem elektronischen Kommunikationssystem**

**Système et procédé informatique pour la commercialisation de biens tangibles dans un système de communication électronique**

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel (100401), Mohlstrasse 37, 81675 München, (DE)

PATENT (CC, No, Kind, Date): EP 1280079 A1 030129 (Basic)

APPLICATION (CC, No, Date): EP 2001118149 010726;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 194

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200305	1310
SPEC A	(English)	200305	2592
Total word count - document A			3902
Total word count - document B			0
Total word count - documents A + B			3902

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION an electronic communication system. It is particularly directed to automatically generating customer specific offers including **automated freight calculations** of tangible goods over the Internet, i.e. of products that involve higher logistic tasks so that transportation/freight is a relevant factor that influences delivery availability and **cost**. Such **goods** are for example paper rolls for printing machines, wood or other construction materials or chemical...

11/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01313485

**Communication system with multicarrier telephony transport**

**Kommunikationssystem mit Mehrtragertelefonubertagbarkeit**

**Système de communication de transmission téléphonique à portées multiples**

PATENT ASSIGNEE:

ADC Telecommunications, Inc., (697353), 12501 Whitewater Drive,  
Minnetonka, MN 55343, (US), (Applicant designated States: all)

INVENTOR:

Dapper, Mark J., 6558 Baywood Lane, Cincinnati, Ohio 45224, (US)

...SPECIFICATION frequency bandwidth. Each service unit also includes a service unit controller operatively connected to the **service** unit multicarrier modem for controlling the modulation of and demodulation performed by the service unit...in such a direct ISU implementation, the ISU, whether an HISU 68 or MISU 66, **estimates** a frequency error **digitally** from the downstream signal and a correction is applied to the upstream data being transmitted...with the ISU direct implementation, the frequency offset is estimated from the downstream signal.

The **estimation** is performed with **digital** circuitry performing numeric **calculations**, i.e. a processor. Samples of the synchronization channel or IOC channel are collected in...

11/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01276898

CONTENTS MANAGEMENT SYSTEM, DEVICE, METHOD, AND PROGRAM STORAGE MEDIUM  
INHALTSVERWALTUNGSSYSTEM, VORRICHTUNG, VERFAHREN UND PROGRAMMSPEICHERMEDIUM  
SYSTEME, DISPOSITIF, PROCEDE ET SUPPORT DE PROGRAMME POUR LA GESTION DE  
CONTENUS

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

ISHIBASHI, Yoshihito, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)

OHISHI, Tateo, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)

MUTO, Akihiro, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)

KITAHARA, Jun, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)

SHIRAI, Taizou, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

DeVile, Jonathan Mark, Dr. et al (91151), D. Young & Co 21 New Fetter  
Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1128598 A1 010829 (Basic)  
WO 200119017 010315

APPLICATION (CC, No, Date): EP 2000956997 000907; WO 2000JP6089 000907

PRIORITY (CC, No, Date): JP 99253660 990907; JP 99253661 990907; JP  
99253662 990907; JP 99253663 990907; JP 99260638 990914; JP 99264082  
990917; JP 99265866 990920

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-009/32; **G06F-015/00** ; H04N-005/91;

G11B-020/10; G10K-015/04; H04N-007/167

ABSTRACT WORD COUNT: 172

NOTE:

Figure number on first page: 0020

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200135	29406
SPEC A	(English)	200135	83907
Total word count - document A			113313
Total word count - document B			0
Total word count - documents A + B			113313

...INTERNATIONAL PATENT CLASS: **G06F-015/00**

...SPECIFICATION K1)) and the individual keys Ki)) encrypted by the

• delivery keys Kd)). The electronic distribution **service** center 1 transmits three delivery keys Kd)) being the versions 2 through 4 that are...provider 2, if necessary data is written in the charge information. Profit distribution section 16 **calculates** profits of the **electronic** distribution service center 1, the content provider 2 and the service provider 3 based on...

11/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01070536

**Design evaluating method and apparatus for assisting circuit-board assembly**  
**Entwurfsbewertungsverfahren und -Anordnung zur Leiterplattenmontageunterstu**  
**tzung**

**Procede et dispositif d'evaluation de conception pour aider le montage de**  
**circuits imprimees**

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216887), 1006, Oaza Kadoma,  
Kadoma-shi, Osaka-fu, (JP), (Applicant designated States: all)

INVENTOR:

Kumagai, Koichi, 10-16, Hikarigaoka 2-chome, Ikoma-shi, Nara-ken 630-0141  
, (JP)

LEGAL REPRESENTATIVE:

Eisenfuhr, Speiser & Partner (100151), Martinistrasse 24, 28195 Bremen,  
(DE)

PATENT (CC, No, Kind, Date): EP 942382 A2 990915 (Basic)

APPLICATION (CC, No, Date): EP 99104650 990309;

PRIORITY (CC, No, Date): JP 9857614 980310

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/50**

ABSTRACT WORD COUNT: 138

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9937	5395
SPEC A	(English)	9937	31505
Total word count - document A			36900
Total word count - document B			0
Total word count - documents A + B			36900

INTERNATIONAL PATENT CLASS: **G06F-017/50**

...SPECIFICATION of through holes and the like is automatically read at the step 2003, the direct **materials cost** is counted based on the unit-price information as to the selected **electronic** components, and the **calculated materials cost** determined by using the automatically read board pattern information.

In the second design evaluation, as...

11/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00324430

**Automated system for estimating impact on inventory cost due to an**  
**engineering change to a component.**

**Automatisiertes System zur Schatzung der Beeinflussung von Inventarkosten**

. infolge einer technischen Veränderung eines Komponenten.  
**Systeme automatisé pour estimer l'influence sur les frais d'inventaire dus  
a un changement technique a une partie composante.**

**PATENT ASSIGNEE:**

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

**INVENTOR:**

Natarajan, Bharath, 2170 Meadowind Lane, Marietta Georgia 30062, (US)

**LEGAL REPRESENTATIVE:**

Therias, Philippe et al (77261), Compagnie IBM FRANCE, Departement de  
Propriete Intellectuelle, F-06610 La Gaude, (FR)

**PATENT (CC, No, Kind, Date):** EP 323382 A2 890705 (Basic)  
EP 323382 A3 900926

**APPLICATION (CC, No, Date):** EP 88480078 881122;

**PRIORITY (CC, No, Date):** US 138782 871229

**DESIGNATED STATES:** DE; FR; GB

**INTERNATIONAL PATENT CLASS:** G06F-015/24

**ABSTRACT WORD COUNT:** 143

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	256
SPEC A	(English)	EPABF1	1986
Total word count - document A			2242
Total word count - document B			0
Total word count - documents A + B			2242

**INTERNATIONAL PATENT CLASS:** G06F-015/24

...SPECIFICATION inventory cost impact due to engineering changes to a  
component.

What is needed is an **automated** system that automatically **estimates**  
the work-in-process costs of all affected in-process items as well as raw  
**material** item **costs** pertaining to an affected product. Such a system  
should take into account that a change...

11/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00324388

**Automated interface to project management tool**

**Automatisierte Schnittstelle für Projektleitungswerkzeug**

**Interface a un outil de gestion de projet**

**PATENT ASSIGNEE:**

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

**INVENTOR:**

Ferriter, Kate M., 4299 Brookview Drive, Atlanta, GA 30339, (US)

Mathis, Robert B., 3321 River Heights Crossing, Marietta, GA 30067, (US)

**LEGAL REPRESENTATIVE:**

Tubiana, Max (18842), Compagnie IBM France Departement de Propriete  
Intellectuelle, 06610 La Gaude, (FR)

**PATENT (CC, No, Kind, Date):** EP 314596 A2 890503 (Basic)  
EP 314596 A3 910116  
EP 314596 B1 970423

**APPLICATION (CC, No, Date):** EP 88480035 880913;

**PRIORITY (CC, No, Date):** US 115073 871028

**DESIGNATED STATES:** DE; FR; GB; IT

**INTERNATIONAL PATENT CLASS:** G06F-017/20 ; G06F-017/60 ; G06F-017/21

**ABSTRACT WORD COUNT:** 179

**LANGUAGE (Publication,Procedural,Application):** English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	507
CLAIMS B	(English)	EPAB97	313
CLAIMS B	(German)	EPAB97	280
CLAIMS B	(French)	EPAB97	377
SPEC A	(English)	EPABF1	7759
SPEC B	(English)	EPAB97	7925
Total word count - document A			8266
Total word count - document B			8895
Total word count - documents A + B			17161

INTERNATIONAL PATENT CLASS: G06F-017/20 ...

... G06F-017/60 ...

... G06F-017/21

...SPECIFICATION database of the conceptual design tool for early manufacturing involvement as well as bill of **material** and feasibility **cost estimating** to a **computerized** project management tool.

Description of the Prior Art

The process of designing, developing and manufacturing...

...SPECIFICATION database of the conceptual design tool for early manufacturing involvement as well as bill of **material** and feasibility **cost estimating** to a **computerized** project management tool.

Description of the Prior Art

The process of designing, developing and manufacturing...

11/3,K/7 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01056423

**DERIVATIVES HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING EXCHANGE THEREFOR**

**PRODUITS DERIVES PRESENTANT DES RENDEMENTS AJUSTABLES BASES SUR LA DEMANDE ET ECHANGES COMMERCIAUX ASSOCIES**

Patent Applicant/Assignee:

LONGITUDE INC, 650 Fifth Avenue, New York, NY 10019, US, US (Residence),  
US (Nationality)

Inventor(s):

LANGE Jeffrey, 3 East 84th Street, Apt. 3, New York, NY 10028, US,  
BARON Kenneth, 51 West 86th Street, Apt. 602, New York, NY 10024, US,

Legal Representative:

WEISS Charles A (et al) (agent), Kenyon & Kenyon, One Broadway, New York,  
NY 10004, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200385491 A2 20031016 (WO 0385491)

Application: WO 2003US7990 20030313 (PCT/WO US0307990)

Priority Application: US 2002115505 20020402

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 136258

Main International Patent Class: **G06F**

Fulltext Availability:

Claims

Claim

**11/3,K/8** (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

01022655 \*\*Image available\*\*

**COMPUTER AUTOMATED ELECTRONIC SMALL CHANGE HARVESTING METHOD**  
**PROCEDE INFORMATIQUE AUTOMATISE DE COLLECTE DE PETITE MONNAIE**

Patent Applicant/Inventor:

POHL Angus, P.O. Box 13994, Hatfield, 0028 Pretoria, ZA, ZA (Residence),  
ZA (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200352709 A1 20030626 (WO 0352709)

Application: WO 2001ZA203 20011214 (PCT/WO ZA0100203)

Priority Application: WO 2001ZA203 20011214

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3729

...International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... Up Donation

Note:

"AutoniatedRouiidingUpDonation"methodisenabledb))defailltbeforepzircl?ase

Receive goods selected by customer for purchase;

Enter **cost** of **goods** selected with keyboard, barcode scanner or any  
other **electronic** means;

**Calculate** cost of all products selected;

Indicate cost of all products selected on display panel;

Receive...

...by customer;

Enter money received by keyboard, or any other electronic means;

Money received exceeding **price** of **goods** selected, automatically  
activates the rounding up

donation formula, otherwise nothing needs to happen;

A new...by customer;

Enter money received by keyboard, or any other electronic means;

Money received exceeding **price** of **goods** selected, automatically  
activates the rounding up

donation formula;

A new and nominally rounded up small...Activated Rounding Up Donation

Note:

"AutomatedRoutidingUpDotiatioti"metliodisdisabledbvdefaultbeforepurchase.

Receive goods selected by customer for purchase;

Enter **cost** of **goods** selected with keyboard, barcode scanner or any

• other **electronic** means;

**Calculate** cost of all products selected;

Indicate cost of all products selected on display panel-,

Receive...formula. (Upon "no" the transaction continues as normal, but without a donation); Money received exceeding **price** of **goods** selected, automatically activates the rounding up

donation formula, otherwise nothing needs to happen;

A new...only, without purchasing anything. Applies whenever requested,

and can be added to the amount as **calculated** by the

" **Automated** Rounding Up DonatioW' method if also enabled;

"Cash BacV key. Used when customer wants to ...claims donation before next customer transaction is registered.

Calculating means,

Keyboard keys, or any other **electronic calculating** method used to

add, subtract, multiply, divide or perform any other mathematical

equation for the...

11/3,K/9 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00994559

**DIGITAL OPTIONS HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING EXCHANGE THEREFOR**

**OPTIONS NUMERIQUES A RETOURS AJUSTABLES BASEES SUR LA DEMANDE ET BOURSE D'ECHANGES COMMERCIAUX AFFERENTE**

Patent Applicant/Assignee:

LONGITUDE INC, 650 Fifth Avenue, New York, NY 10019, US, US (Residence),

US (Nationality)

Inventor(s):

LANGE Jeffrey, 3 East 84th Street, Apt. 3, New York, NY 10028, US,

Legal Representative:

WEISS Charles A (et al) (agent), Kenyon & Kenyon, One Broadway, New York, NY 10004, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200323575 A2 20030320 (WO 0323575)

Application: WO 2002US30309 20020909 (PCT/WO US0230309)

Priority Application: US 2001950498 20010910

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 122079

Main International Patent Class: **G06F**

Fulltext Availability:

Claims

Claim

... like behavior. Traditionally, market participants expend considerable time and resources to assemble data, models and **forecasts**. To the extent that forecasts ...expectations and permit them to insure or hedge or speculate on the risk. Many data **services**, such as IBES and FirstCall, currently publish estimates by analysts and a consensus estimate in...example, di orital options, on an  
Z@

underlying event that is the subject of a **calculation**. For example, **digital** options

C@

traded in a demand-based market or auction could be based on an Real  
**Goods** , Commodities and **Services**  
Investment and capital budgeting choices faced by firms typically involve  
inherent economic risk (e.g...

11/3,K/10 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00984062 \*\*Image available\*\*

**IMAGE PRINTING APPARATUS INCLUDING A MICROCONTROLLER**  
**APPAREIL D'IMPRESSION D'IMAGES COMPRENANT UNE MICRO-UNITE DE COMMANDE**

Patent Applicant/Assignee:

SILVERBROOK RESEARCH PTY LTD, 393 Darling Street, Balmain, New South  
Wales 2041, AU, AU (Residence), AU (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

SILVERBROOK Kia, Silverbrook Research Pty Ltd, 393 Darling Street,  
Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),  
(Designated only for: US)

Legal Representative:

SILVERBROOK Kia (agent), Silverbrook Research Pty Ltd, 393 Darling  
Street, Balmain, New South Wales 2041, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200313858 A1 20030220 (WO 0313858)

Application: WO 2002AU920 20020709 (PCT/WO AU0200920)

Priority Application: US 2001922275 20010806

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 140412

...International Patent Class: G06F-003/12

Fulltext Availability:

Detailed Description

Detailed Description

... advantage of microcontrollers, is that by only including the features  
specific to the task (control), **cost** is relatively low. A typical  
microcontroller has bit manipulation instructions, easy and direct access  
to...pixel and applied to the constant light source vector L. 111INII is  
also used to **calculate** R\*V, which is required as input to the  
Calculate Specular 2 process. The following...

11/3,K/11 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00943767 \*\*Image available\*\*

**SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A SUPPLY CHAIN MANAGEMENT**  
**SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE CONCUS POUR UNE GESTION**  
**DE CHAINE D'APPROVISIONNEMENT**

Patent Applicant/Assignee:

RESTAURANT SERVICES INC, Two Alhambra Plaza, Suite 500, Coral Gables, FL  
33134-5202, US, US (Residence), US (Nationality), (For all designated



aspect, the **price** of the **goods** is **calculated** from the **electronic** order forms utilizing a table mapping a plurality of goods with a plurality of prices...

11/3,K/12 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00941570 \*\*Image available\*\*

**NETWORKED INTERNATIONAL SYSTEM FOR ORGANIZATIONAL ELECTRONIC COMMERCE  
SYSTEME RESEAU INTERNATIONAL DESTINE AU COMMERCE ELECTRONIQUE  
ORGANISATIONNEL**

Patent Applicant/Assignee:

AGORA DEVELOPMENT CORPORATION, 2101 Chestnut Street #1408, Philadelphia,  
PA 19103, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

COWLES Roger, Agora Development Corporation, 2101 Chestnut Street #1408,  
Philadelphia, PA 19103, US, US (Residence), US (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200275632 A1 20020926 (WO 0275632)

Application: WO 2001US8765 20010319 (PCT/WO US0108765)

Priority Application: WO 2001US8765 20010319

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11534

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... networked data processing systems, and more particularly, to  
international electronic commerce using electronic catalogs and  
**automated** processes to **calculate** the delivered **costs** of **goods** and  
**services** .

,,BACKGROUND ART'

The above captioned invention is novel, non-obvious and useful. To our  
knowledge...

11/3,K/13 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00936917 \*\*Image available\*\*

**AUTOMATED METHOD FOR A TAKEOFF ESTIMATE OF CONSTRUCTION DRAWINGS  
PROCEDE AUTOMATIQUE D'ESTIMATION D'UN AVANT-METRE DE DESSINS DE  
CONSTRUCTION**

Patent Applicant/Assignee:

FASTLANE CONSTRUCTION SOFTWARE INC, 230 Port Royal Avenue, Philadelphia,  
PA 19128, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

FINNEY Samuel W, 490 Spring Lane, Philadelphia, PA 19128, US, US

(Residence), US (Nationality), (Designated only for: US)

**Legal Representative:**

LINGUITI Frank M (agent), Caesar, Rivise, Bernstein, Cohen & Pokotilow,  
Ltd., 12th Floor, Seven Penn Center, 1635 Market Street, Philadelphia,  
PA 19103-2212, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200270989 A2-A3 20020912 (WO 0270989)

Application: WO 2001US51141 20010509 (PCT/WO US0151141)

Priority Application: US 2000575005 20000519

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9668

International Patent Class: **G06F-017/50**

Fulltext Availability:

Detailed Description

**Detailed Description**

... line lengths of linear building features and counts of unit building features.

The application of **digitizers** to **calculating material** and **cost** estimates from plans such as blueprints is taught in U.S. Patent No. 4,578...well as a printer and a video display for providing representations of information such as **material** and **cost** estimates. A menu is provided on the flat surface of the digitizer in order to...

**11/3,K/14 (Item 8 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00879884

**MATERIAL AND LABOR COST ESTIMATING METHOD AND SYSTEM**

**PROCEDE ET SYSTEME D'ESTIMATION DES COUTS EN MATERIAUX ET EN MAIN D'OEUVRE**

Patent Applicant/Assignee:

MURPHY COMPANY, 1233 North Price Road, -, St. Louis, MO 63132, US, US

(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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63132, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

KINNEY Anthony R (et al) (agent), Senniger, Powers, Leavitt & Roedel, One

Metropolitan Square, 16th Floor, St. Louis, MO 63102, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200213108 A1 20020214 (WO 0213108)

Application: WO 2001US24873 20010809 (PCT/WO US0124873)

Priority Application: US 2000223963 20000809

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

**MATERIAL AND LABOR COST ESTIMATING METHOD AND SYSTEM**

BACKGROUND OF INVENTION

Field of the Invention

The present invention generally...

...to a method and system for determining the exact counts of construction hardware and -associated **material** and labor **costs** for estimating construction projects. More particularly, the invention pertains to on-screen tools and instructions...

...a user through identifying construction items for a specific construction project. Once data is entered, **automated** procedures produce total **estimated material costs**, labor hours, units of measure and costs for a project.

Description of Related Art

Computer...

...screen in a take off sheet.

Briefly, therefore, the present invention is directed towards a **computerized** method for **estimating material** and labor **costs** of a construction project. The method comprises maintaining a database of items and cost data...

...the identified quantities of items.

In another aspect, the present invention is directed to an **automated** system for **estimating** a **cost** of selected **equipment** for a construction project. The system comprises a first database containing construction items and **material** and labor **cost** data associated with the construction items and a second database containing predetermined sets of grouped...

...selected grouped items data.

In yet another aspect, the present invention is directed to a **computerized** system for **estimating** the **material** and labor **costs** of a construction project. The system comprises a remote server on a communications network managing...

...a central database associated with the remote server storing construction material specifications and graphics, labor **cost** data, and **material prices**, and a local computer on a communications network. The local computer executes an estimating software program and accessing data from the central database and generating **material** and labor **costs** for the construction project.

Other features of the present invention will be in part apparent...

Claim

1. A **computerized** method for **estimating material** and labor **costs** of a construction project comprising:  
maintaining a first database of items and cost data associated...

...the group consisting of building codes, plumbing codes, engineering

codes, and governmental codes.

24 An **automated** system for **estimating** a **cost** of selected **equipment** for a construction project comprising:

- a. an first database containing construction items and **material** and labor **cost** data associated with each of the items;
- b. a second database containing one or more...automatically includes associated equipment and hardware related to the selected grouped items and hook-up **materials** .

29 The **automated cost estimating** system of claim 28, wherein the associated equipment and hardware related to the selected grouped items and hook-up materials is defined by a user.

30 A **computerized** system for **estimating** the **material** and labor **costs** of a construction project comprising:  
a remote server on a communications network managing software programs...

...associated with the remote server, said central database storing construction material specifications and graphics, labor **cost** data, and **material** pricing data;  
and  
a local computer on the communications network executing a **material** and labor **cost** estimating program, accessing data from the central database for use by the **material** and labor **cost** estimating program, and generating one or more reports for **material** and labor **cost** estimates for the construction project.

11/3,K/15 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00843106 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ESTABLISHING ELECTRONIC BUSINESS SYSTEMS FOR SUPPORTING COMMUNICATIONS SERVICES COMMERCE**  
**SYSTEME ET PROCEDE PERMETTANT D'ETABLIR DES SYSTEMES DE COMMERCE ELECTRONIQUE POUR LE SUPPORT DU COMMERCE PAR DES SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

ELMORE Kevin, 653 Park Hill Road, Danville, CA 94526, US, US (Residence),  
US (Nationality), (Designated only for: US)

HOESER Vince, 20 Beaumont Court, Lafayette, CA 94549, US, US (Residence),  
US (Nationality), (Designated only for: US)

HOM David, 187 Magellan Avenue, San Francisco, CA 94116, US, US  
(Residence), US (Nationality), (Designated only for: US)

HORNE Linda, 6026 Ridgmont Drive, Oakland, CA 94619, US, US (Residence),  
US (Nationality), (Designated only for: US)

KAAKE Charles, 1931 Filbert Street, San Francisco, CA 94123, US, US  
(Residence), US (Nationality), (Designated only for: US)

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(Residence), US (Nationality), (Designated only for: US)

MABEL Mark, 796 Ashbury Street, San Francisco, CA 94117, US, US  
(Residence), US (Nationality), (Designated only for: US)

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(Residence), US (Nationality), (Designated only for: US)

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(Residence), US (Nationality), (Designated only for: US)

POKOTYLO Vadim, 20008 Gem Court, Castro Valley, CA 94546, US, US

(Residence), MD (Nationality), (Designated only for: US)  
BAKHURU Girish, 225 Irving Street #9, San Francisco, CA 94122, US, US  
(Residence), IN (Nationality), (Designated only for: US)  
Legal Representative:  
GLENN Michael (et al) (agent), Glenn Patent Group, Suite L., 3475 Edison  
Way, Menlo Park, CA 94025, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200175549 A2-A3 20011011 (WO 0175549)  
Application: WO 2001US10473 20010330 (PCT/WO US0110473)  
Priority Application: US 2000193315 20000330  
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 84642

Main International Patent Class: **G06F-009/46**  
International Patent Class: **G06F-017/30 ...**

**... G06F-017/60**

Fulltext Availability:  
Detailed Description

Detailed Description

... model that enables a single view of the  
customer across functional silos. Its integration components **automate**  
business processes and leverage complex and heterogeneous OSS.

3

The eBusiness platform according to the...  
...model spanning all customer touch-points. This end-to-end experience  
allows more than self- **service** purchasing of product bundles, by  
allowing customers to administer accounts, view bills, open trouble  
tickets...

**11/3,K/16 (Item 10 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00806392

**TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A  
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF  
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE  
DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET  
PROCEDE ASSOCIE**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,  
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139086 A2 20010531 (WO 0139086)

Application: WO 2000US32310 20001122 (PCT/WO US0032310)

Priority Application: US 99444653 19991122; US 99447623 19991122

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 156214

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

#### Detailed Description

... customer network management services is generally referred to as Managed Networked Services (MNS). Yankee Group **estimates** this market will estimated to grow from \$3B to 9B within the next three years...and presentation managers. All information forwarded from the element managers is utilized by the information **services** manager to provide information to the network operators. The information services manager adheres to CORBA...an element manager that is deemed critical to display to a network user, the information **services** manager will store a copy of the alarin in the operational database and then forward...

...the Customer Service Representative to proactively address network outages with customers.

#### Process Definifions and Functons

##### **Service** Planning

Service Planning includes both the strategic and tactical planning required to manage distributed environments...

**11/3,K/17 (Item 11 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00806389

**SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT**  
**PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US

(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Boulevard, Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139082 A2 20010531 (WO 0139082)

Application: WO 2000US32228 20001122 (PCT/WO US0032228)

Priority Application: US 99447625 19991122; US 99444889 19991122

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 152479

Main International Patent Class: **G06F-017/16**  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... customer network management services is generally referred to as Managed Networked Services QvNS). Yankee Group **estimates** this market will estimated to grow from \$313 to 913 within the next tliree years... for outages. In acidition, the Rating and Discounting Process 1306 applies any rebates due because **service** level agreements were not met. The aim is to correctly rate usage and to correctly...

**11/3,K/18** (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784135

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LOCALLY ADDRESSABLE INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT**  
**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION METTANT EN OEUVRE UNE INTERFACE ADRESSABLE LOCALEMENT DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,  
2029 Century Park East, Los Angeles, CA 09967-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116727 A2-A3 20010308 (WO 0116727)

Application: WO 2000US24189 20000831 (PCT/WO US0024189)

Priority Application: US 99387064 19990831

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 151048

Main International Patent Class: **G06F-009/44**  
International Patent Class: **G06F-009/46**  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... multi-media

capabilities for the presentation of data (text, sound, video, etc.).

The ability to **digitize**, organize, and deliver textual, graphical and other information (e.g., ideo, audio, etc.) in addition...middleware rather than addressing them in each application separately. Different communications middleware products provide different **services**.

Additionally, many middleware packages, such as Tuxedo, provide OLTP functionality.

Is a packaged middleware solution...the application and are generally related to business logic errors such as invalid date, invalid **price**, etc.

Typically an application is written using a combination of various programming languages (e.g...

11/3,K/19 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00777011 \*\*Image available\*\*

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CODES TABLE FRAMEWORK  
DESIGN IN AN E-COMMERCE ARCHITECTURE  
SYSTEME, PROCEDE ET ARTICLE FABRIQUE POUR LA CONCEPTION D'UNE STRUCTURE DE  
TABLES DE CODES DANS UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE**

Patent Applicant/Assignee:

AC PROPERTIES BV, Parkstraat 83, NL-2514 JG 'S Gravenhage, The Hague, NL,  
NL (Residence), NL (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

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Legal Representative:

HICKMAN Paul L (agent), Hickman Coleman & Hughes, LLP, P.O. Box 52037,  
Palo Alto, CA 94303, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109716 A2-A3 20010208 (WO 0109716)

Application: WO 2000US20705 20000728 (PCT/WO US0020705)

Priority Application: US 99364491 19990730

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 136146

Main International Patent Class: G06F-009/46

International Patent Class: G06F-009/44

Fulltext Availability:

Detailed Description

Detailed Description

... was solely responsible for the flow of control. This was appropriate for printing out paychecks, **calculating** a mathematical table, or solving other problems with a program that executed in just one... implemented to secure a service provider's internal resources 5106 from the public Internet. A **service** provider locates Internet-based **resources** outside of the firewall and may provide controlled access from the web to internal information...Studio 97 SP3 Or Visual Studio 6 SP2 < if Visual Studio is installed >.

Install Windows **Service** Pack 4 (do not install MDAC if prompted, this may be done in the next...



11/3,K/20 (Item 14 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00776255 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ELECTRONICALLY PROVIDING AN ESTIMATE FOR A FINANCIAL SERVICE**

**SYSTEME ET PROCEDE PERMETTANT DE FOURNIR ELECTRONIQUEMENT UNE ESTIMATION RELATIVE A UN SERVICE FINANCIER**

Patent Applicant/Assignee:

ECOVERAGE INC, 1020 Mariposa Street #1, San Francisco, CA 94107, US, US  
(Residence), US (Nationality)

Inventor(s):

DEGUSTA Michael, 508 Missouri Street, San Francisco, CA 94107, US

Legal Representative:

YI Susan C, Ritter, Van Pelt & Yi LLP, Suite 205, 4906 El Camino Real,  
Los Altos, CA 94022, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109811 A1 20010208 (WO 0109811)

Application: WO 2000US21181 20000802 (PCT/WO US0021181)

Priority Application: US 99146964 19990803; US 99146958 19990803; US  
99146957 19990803; US 99146948 19990803; US 99146959 19990803; US  
99146966 19990803; US 99146949 19990803

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7592

Main International Patent Class: G06F-019/00

Fulltext Availability:

Claims

Claim

... pending U.S. Patent Application No.

(Attorney Docket No. ECOVP002) entitled SYSTEM AND

METHOD FOR **ELECTRONICALLY** PROVIDING AN **ESTIMATE** FOR A

1 5 FINANCIAL SERVICE filed concurrently herewith, which is incorporated  
herein by reference...be presented to the user, The user may then decide  
whether to accept the financial **service** at that **price** .

1 8

Alternatively, a potential customer may insert variables to generate  
different quotes with a...

11/3,K/21 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00776254 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ELECTRONICALLY CREATING A NEW FINANCIAL SERVICE PRODUCT**

**SYSTEME ET PROCEDE DE CREATION ELECTRONIQUE D'UN NOUVEAU PRODUIT DE SERVICE FINANCIER**

Patent Applicant/Assignee:

ECOVERAGE INC, 1020 Mariposa Street #1, San Francisco, CA 94107, US, US  
(Residence), US (Nationality)

Inventor(s):

• DEGUSTA Michael, 508 Missouri Street, San Francisco, CA 94107, US  
Legal Representative:

YI Susan C, Ritter, Van Pelt & Yi LLP, Suite 205, 4906 El Camino Real,  
Los Altos, CA 94022, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109810 A1 20010208 (WO 0109810)  
Application: WO 2000US21180 20000802 (PCT/WO US0021180)  
Priority Application: US 99146949 19990803; US 99146959 19990803; US  
99146966 19990803; US 99146958 19990803; US 99146964 19990803; US  
99146957 19990803; US 99146948 19990803

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8332

Main International Patent Class: **G06F-019/00**

Fulltext Availability:

Claims

Claim

... pending U.S. Patent Application No.  
(Attorney Docket No. ECOVP002) entitled SYSTEM AND  
METHOD FOR **ELECTRONICALLY** PROVIDING AN **ESTIMATE** FOR A  
FINANCIAL SERVICE filed concurrently herewith, which is incorporated  
herein by reference for all...be presented to the user. The user may then  
decide whether to accept the financial **service** at that **price** .  
Alternatively, a potential customer may insert variables to generate  
different quotes with a quote manipulation...

**11/3,K/22 (Item 16 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00776246 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ELECTRONICALLY PROVIDING A FINANCIAL SERVICE USING  
COLLECTIONS INCLUDING MODULES**

**SYSTEME ET PROCEDE PERMETTANT DE FOURNIR UN SERVICE FINANCIER A L'AIDE DE  
COLLECTIONS COMPRENANT DES MODULES**

Patent Applicant/Assignee:

ECOVERAGE INC, 1020 Mariposa Street #1, San Francisco, CA 94107, US, US

(Residence), US (Nationality)

Inventor(s):

DEGUSTA Michael, 508 Missouri Street, San Francisco, CA 94107, US

Legal Representative:

YI Susan C, Ritter, Van Pelt & Yi LLP, Suite 205, 4906 El Camino Real,  
Los Altos, CA 94022, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109802 A1 20010208 (WO 0109802)  
Application: WO 2000US21235 20000802 (PCT/WO US0021235)  
Priority Application: US 99146948 19990803; US 99146958 19990803; US  
99146964 19990803; US 99146957 19990803; US 99146959 19990803; US  
99146966 19990803; US 99146949 19990803

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

. (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7567

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... pending U.S. Patent Application No.

(Attorney Docket No. ECOVP002) entitled SYSTEM AND

METHOD FOR **ELECTRONICALLY** PROVIDING AN **ESTIMATE** FOR A

FINANCIAL SERVICE filed concurrently herewith, which is incorporated herein by reference for all...be presented to the user. The user may then decide whether to accept the financial **service** at that **price**.

Alternatively, a potential customer may insert variables to generate different quotes with a quote manipulation...

11/3,K/23 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00776245 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ELECTRONICALLY PROVIDING A FINANCIAL SERVICE USING RATING FACTORS**

**SYSTEME ET PROCEDE DESTINES A FOURNIR UN SERVICE FINANCIER A L'AIDE DE FACTEURS D'EVALUATION**

Patent Applicant/Assignee:

ECOVERAGE INC, 1020 Mariposa Street #1, San Francisco, CA 94107, US, US

(Residence), US (Nationality)

Inventor(s):

DEGUSTA Michael, 508 Missouri Street, San Francisco, CA 94107, US,

Legal Representative:

YI Susan C (agent), Ritter, Van Pelt & Yi LLP, Suite 205, 4906 El Camino

Real, Los Altos, CA 94022, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109801 A1 20010208 (WO 0109801)

Application: WO 2000US21234 20000802 (PCT/WO US0021234)

Priority Application: US 99146957 19990803; US 99146958 19990803; US

99146964 19990803; US 99146948 19990803; US 99146959 19990803; US

99146966 19990803; US 99146949 19990803

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7618

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... pending U.S. Patent Application No.

(Attorney Docket No. ECOVP002) entitled SYSTEM AND

METHOD FOR **ELECTRONICALLY** PROVIDING AN **ESTIMATE** FOR A

• 1 5 FINANCIAL SERVICE filed concurrently herewith, which is incorporated herein by reference...be presented to the user. The user may then decide whether to accept the financial **service** at that **price** . Alternatively, a potential customer may insert variables to generate different quotes with a quote manipulation...

11/3,K/24 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00776244 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ELECTRONICALLY REVISING A FINANCIAL SERVICE PRODUCT  
SYSTEME ET PROCEDE DE REVISION ELECTRONIQUE D'UN PRODUIT DE SERVICE  
FINANCIER**

Patent Applicant/Assignee:

ECOVERAGE INC, 1020 Mariposa Street, #1, San Francisco, CA 94107, US, US  
(Residence), US (Nationality)

Inventor(s):

DEGUSTA Michael, 508 Missouri Street, San Francisco, CA 94107, US

Legal Representative:

YI Susan C, Ritter, Van Pelt & Yi LLP, Suite 205, 4906 El Camino Real,  
Los Altos, CA 94022, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109800 A1 20010208 (WO 0109800)

Application: WO 2000US21220 20000802 (PCT/WO US0021220)

Priority Application: US 99146959 19990803; US 99146966 19990803; US

99146949 19990803; US 99146958 19990803; US 99146964 19990803; US

99146957 19990803; US 99146948 19990803

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8830

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... pending U.S. Patent Application No.

(Attorney Docket No. ECOVP002) entitled SYSTEM AND

METHOD FOR **ELECTRONICALLY** PROVIDING AN **ESTIMATE** FOR A

FINANCIAL SERVICE filed concurrently herewith, which is incorporated

herein by reference for all...be presented to the user. The user may then

decide whether to accept the financial **service** at that **price** .

1 9

Alternatively, a potential customer may insert variables to generate

different quotes with a...

11/3,K/25 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00776243 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ELECTRONICALLY MANAGING FINANCIAL SERVICE CLAIMS  
SYSTEME ET PROCEDE DESTINES A LA GESTION ELECTRONIQUE DE RECLAMATIONS  
RELATIVES A UN SERVICE FINANCIER**

Patent Applicant/Assignee:

ECOVERAGE INC, 1020 Mariposa Street, #1, San Francisco, CA 94107, US, US  
(Residence), US (Nationality)

Inventor(s):

DEGUSTA Michael, 508 Missouri Street, San Francisco, CA 94107, US

Legal Representative:

YI Susan C, Ritter, Van Pelt & Yi LLP, 4906 El Camino Real, Suite 205,  
Los Altos, CA 94022, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109799 A1 20010208 (WO 0109799)

Application: WO 2000US21183 20000802 (PCT/WO US0021183)

Priority Application: US 99146966 19990803; US 99146959 19990803; US  
99146949 19990803; US 99146958 19990803; US 99146964 19990803; US  
99146957 19990803; US 99146948 19990803

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8404

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... pending U.S. Patent Application No.

(Attorney Docket No. ECOVP002) entitled SYSTEM AND

METHOD FOR **ELECTRONICALLY** PROVIDING AN **ESTIMATE** FOR A

1 5 FINANCIAL SERVICE filed concurrently herewith, which is incorporated  
herein by reference...be presented to the user. The user may then decide  
whether to accept the financial **service** at that **price**. Alternatively,  
a potential customer may insert variables to generate different quotes  
with a quote manipulation...

11/3,K/26 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00776242 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ELECTRONICALLY PROVIDING FINANCIAL SERVICES USING  
MODULES**

**SYSTEME ET PROCEDE POUR FOURNIR ELECTRONIQUEMENT DES SERVICES FINANCIERS AU  
MOYEN DE MODULES**

Patent Applicant/Assignee:

ECOVERAGE INC, 1020 Mariposa Street #1, San Francisco, CA 94107, US, US  
(Residence), US (Nationality)

Inventor(s):

DEGUSTA Michael, 508 Missouri Street, San Francisco, CA 94107, US,

Legal Representative:

YI Susan C (agent), Ritter, Van Pelt & Yi LLP, Suite 205, 4906 El Camino  
Real, Los Altos, CA 94022, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109798 A1 20010208 (WO 0109798)

Application: WO 2000US21160 20000802 (PCT/WO US0021160)

Priority Application: US 99146958 19990803; US 99146964 19990803; US  
99146957 19990803; US 99146948 19990803; US 99146959 19990803; US  
99146966 19990803; US 99146949 19990803

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

\* DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7397

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... pending U.S. Patent Application No.

(Attorney Docket No. ECOVP002) entitled SYSTEM AND

METHOD FOR **ELECTRONICALLY** PROVIDING AN **ESTIMATE** FOR A

FINANCIAL SERVICE filed concurrently herewith, which is incorporated  
herein by reference for all...be presented to the user. The user may then  
decide whether to accept the financial **service** at that **price**.

Alternatively, a potential customer may insert variables to generate  
different quotes with a quote manipulation...

**11/3,K/27 (Item 21 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00761431

**A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PROVIDING COMMERCE-RELATED  
WEB APPLICATION SERVICES**

**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE DE  
SERVICES D'APPLICATION DANS LE WEB LIES AU COMMERCE**

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US

(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,

MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,

BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,

Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073957 A2-A3 20001207 (WO 0073957)

Application: WO 2000US14420 20000525 (PCT/WO US0014420)

Priority Application: US 99321492 19990527

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility  
model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK  
(utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150171

Main International Patent Class: **G06F-017/30**

International Patent Class: **G06F-017/60 ...**

... G06F-009/44

Fulltext Availability:

Detailed Description

Detailed Description

... products and services may be received after which a tax and a shipping fee are **calculated**. A status of the delivery of the ordered products and services may also be provided...style of the prototype is not conducive to a quality product. It is often more **cost** effective to start afresh incorporating the added understanding which was developed during the prototyping stage...Testing tool factors to be considered include.

Cost of testing tools (including training and support)

**Cost** of test model maintenance (including test data)

Testing tool ability to work with G.Ul...

11/3,K/28 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761422

**BUSINESS ALLIANCE IDENTIFICATION**

**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU**

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US

(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,

MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,

BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt,

P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073928 A2-A3 20001207 (WO 0073928)

Application: WO 2000US14375 20000524 (PCT/WO US0014375)

Priority Application: US 99320816 19990527

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149371

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... facility to provide reusable code for the system development, it is often available at the **cost** of having a slower prototyping tool.

The reuse of code may not be a good...a revision of estimates before going into construction. By confirming the validity of the complexity **estimates**, the business case is also confirmed. It is at this stage that the decision is...test model components may be more easily reused across

\* test stages resulting in time and **cost** savings during test Planning and preparation. This obviously has a positive influence on the decision... with agreed upon SLAs. As part of this payment process Billing & Accounting reconciles bills from **service** providers against monitored **costs** and SLA/OLA violations.

Systems Management Planning (1330)  
Capacity Modeling and Pign "in  
Capacity Modeling...

11/3,K/29 (Item 23 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00566622 \*\*Image available\*\*

**METHOD AND APPARATUS FOR CONDUCTING ON-LINE COMMERCE FOR GOODS ACROSS CUSTOMS UNIONS AND DATA PROTECTION UNIONS**  
**PROCEDE ET APPAREIL DESTINES AUX ECHANGES COMMERCIAUX DE MARCHANDISES EFFECTUES EN LIGNE ENTRE UNIONS DOUANIERES ET UNIONS DE PROTECTION DE DONNEES**

Patent Applicant/Assignee:

EASYCLEAR LTD,  
KELMAN Alistair Bruce,

Inventor(s):

KELMAN Alistair Bruce,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200029995 A1 20000525 (WO 0029995)

Application: WO 99GB3674 19991105 (PCT/WO GB9903674)

Priority Application: GB 9824984 19981113

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 4269

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... the subject of cross Customs Union transactions between a vendor and a customer, identifying the **goods** and vendor's **price** for each of the goods to be purchased by a customer together with the country...

...Reading the appropriate classification code from the Customs Union database for

each product in the **electronic** shopping basket;

**Calculating** the purchase price of each of the goods in the electronic shopping basket by adjusting...

Claim

... the subject of cross Customs Union transactions between a vendor and a customer, identifying the **goods** and vendor's **price** for each of the goods to be purchased by a customer together with the country...

...Reading the appropriate classification code from the Customs Union database for

each product in the **electronic** shopping basket;

**Calculating** the purchase price of each of the goods in the electronic shopping basket by adjusting...



11/3,K/30 (Item 24 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00538763 \*\*Image available\*\*

**AN ADAPTIVE AND RELIABLE SYSTEM AND METHOD FOR OPERATIONS MANAGEMENT  
SYSTEME ADAPTATIF ET FIABLE ET PROCEDE DE GESTION DES OPERATIONS**

Patent Applicant/Assignee:

BIOS GROUP LP,

Inventor(s):

SAIAS Isaac,  
DARLEY Vince,  
KAUFFMAN Stuart,  
FEDERSPIEL Fred,  
COHN Judith,  
LEVITAN Bennett,  
MACDONALD Robert,  
MACREADY William G,  
TOLLANDER Carl,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200002136 A1 20000113 (WO 0002136)

Application: WO 99US15096 19990702 (PCT/WO US9915096)

Priority Application: US 9891656 19980702; US 9891753 19980706

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU

TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 42857

Main International Patent Class: G06F-015/18

Fulltext Availability:

Detailed Description

Detailed Description

... For the

contract between the producer and provider of the matched  
request and offerf the **automated** market 108 **calculates** the  
**price** of the **service** from factors such as volume to ship,  
weight to ship, time to ship, and distance...

11/3,K/31 (Item 25 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00423296 \*\*Image available\*\*

**DENSITY-BASED EMERGENT SCHEDULING SYSTEM**

**SYSTEME D'ORDONNANCEMENT EMERGENT BASE SUR LA DENSITE**

Patent Applicant/Assignee:

INDUSTRIAL TECHNOLOGY INSTITUTE,

CLARK Steven J,

PARUNAK H Van Dyke,

Inventor(s):

CLARK Steven J,

PARUNAK H Van Dyke,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9813757 A1 19980402

Application: WO 97US16829 19970924 (PCT/WO US9716829)

Priority Application: US 96719129 19960924

Designated States: AU CA DE FI GB IL JP KP SE TR US AT BE CH DE DK ES FI FR

GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 10638

Main International Patent Class: **G06F-009/455**  
English Abstract

...to determine a working window in which they can perform the task and at what **cost**. The determination of **resources** by the **computerized** resource brokers includes **calculating** their respective percentage of total commitment based upon the interrelationship between the working window and...

11/3,K/32 (Item 26 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00344642

**SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION**

**SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS**

Patent Applicant/Assignee:  
ELECTRONIC PUBLISHING RESOURCES INC,

Inventor(s):  
GINTER Karl L,  
SHEAR Victor H,  
SPAHN Francis J,  
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2 19960906  
Application: WO 96US2303 19960213 (PCT/WO US9602303)  
Priority Application: US 95388107 19950213

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY  
KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English  
Fulltext Word Count: 207972

Main International Patent Class: **G06F-001/00**  
International Patent Class: **G06F-17:60**  
Fulltext Availability:  
Detailed Description

Detailed Description

... 106 to 'mark up' the usage price just as retail stores 'mark up' the wholesale **price** of **goods**. Figure 2A shows an example in which certain "rules and controls" persist unchanged from content...microcontroller) may substantially reduce the overhead cost of implementing VDE 100. Integration considerations may include **cost** of implementation, **cost** of manufacture, desired degree of security, and value of compactness.

SPU 500 may also be...that can rapidly perform mathematical calculations such as multiplication and exponentiation involving large numbers. These **calculations** can, for example, be requested by microprocessor 520 or encrypt/decrypt engine 522, to assist...

11/3,K/33 (Item 27 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT

00226375      \*\*Image available\*\*

**INTEGRATED METHOD FOR DESIGNING AND MANUFACTURING SEMIWORKED ITEMS MADE OF  
COMPOSITE MATERIALS AND APPARATUS FOR ACTUATING THE METHOD  
PROCEDE INTEGRE DE CONCEPTION ET DE FABRICATION D'ARTICLES SEMI-OUVRES EN  
MATERIAUX COMPOSITES ET APPAREIL DE MISE EN OEUVRE DU PROCEDE**

Patent Applicant/Assignee:

RONDA EUROPA S P A,

SEGATO Stefano,

Inventor(s):

SEGATO Stefano,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9300621 A1 19930107

Application: WO 92EP1372 19920617 (PCT/WO EP9201372)

Priority Application: IT 91VI103 19910625

Designated States: JP US AT BE CH DE DK ES FR GB GR IT LU MC NL SE

Publication Language: English

Fulltext Word Count: 2769

International Patent Class: **G06F-15:60**

Fulltext Availability:

Detailed Description

Detailed Description

... shape and structural characteristics.

As regards the design of structures made of composite materials, several **computerized calculation** methods are commercially available: however, they are normally aimed at verifying initial choices, For example, in of 5 the materials, leading to increases in manufacturing and raw **materials costs** which reduce the competitiveness of components made of composite materials with respect to those manufactured...

Set	Items	Description
S1	64646	(AUTOMATE? OR COMPUTERI? OR ELECTRONIC?) (3N) (ESTIMAT? OR FORECAST? OR CALCULAT?)
S2	4341	(BUILDING OR CONSTRUCTION) ( ) (CODE? OR LAW OR LAWS OR REGULATION OR REGULATIONS?) (5N) (CITY OR CITIES OR TOWN OR TOWNS OR LOCATION? ? OR JURISDICTION? ? OR ZIP()CODE? ?)
S3	0	S1(5N)S2
S4	0	S1(10N)S2
S5	10	S2(8N) (AUTOMATE? OR COMPUTERI? OR ELECTRONIC?)
S6	5	RD (unique items)
S7	0	S2(8N)SOFTWARE?

?show files ds

File 344:Chinese Patents Abs Aug 1985-2003/Nov  
(c) 2003 European Patent Office

File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)  
(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379  
(c) 2003 Thomson Derwent

File 348:EUROPEAN PATENTS 1978-2003/Nov W05  
(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127  
(c) 2003 WIPO/Univentio

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov  
(c)2003 Info.Sources Inc

File 2:INSPEC 1969-2003/Nov W5  
(c) 2003 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2003/Oct  
(c) 2003 ProQuest Info&Learning

File 65:Inside Conferences 1993-2003/Dec W1  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct  
(c) 2003 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
(c) 2003, EBSCO Pub.

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

File 474:New York Times Abs 1969-2003/Dec 10  
(c) 2003 The New York Times

File 475:Wall Street Journal Abs 1973-2003/Dec 10  
(c) 2003 The New York Times

File 16:Gale Group PROMT(R) 1990-2003/Dec 10  
(c) 2003 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2003/Dec 11  
(c)2003 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2003/Dec 10  
(c) 2003 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2003/Dec 11  
(c) 2003 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 10  
(c) 2003 The Gale Group

File 9:Business & Industry(R) Jul/1994-2003/Dec 10  
(c) 2003 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2003/Dec 11  
(c) 2003 ProQuest Info&Learning

File 20:Dialog Global Reporter 1997-2003/Dec 11  
(c) 2003 The Dialog Corp.

File 95:TEME-Technology & Management 1989-2003/Nov W4  
(c) 2003 FIZ TECHNIK

File 476:Financial Times Fulltext 1982-2003/Dec 11  
(c) 2003 Financial Times Ltd

File 610:Business Wire 1999-2003/Dec 11  
(c) 2003 Business Wire.

File 613:PR Newswire 1999-2003/Dec 11

(c) 2003 PR Newswire Association Inc  
 File 624:McGraw-Hill Publications 1985-2003/Dec 10  
 (c) 2003 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2003/Dec 10  
 (c) 2003 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 47:Gale Group Magazine DB(TM) 1959-2003/Dec 10  
 (c) 2003 The Gale group  
 File 635:Business Dateline(R) 1985-2003/Dec 11  
 (c) 2003 ProQuest Info&Learning  
 File 570:Gale Group MARS(R) 1984-2003/Dec 11  
 (c) 2003 The Gale Group  
 File 477:Irish Times 1999-2003/Dec 10  
 (c) 2003 Irish Times  
 File 710:Times/Sun.Times(London) Jun 1988-2003/Dec 10  
 (c) 2003 Times Newspapers  
 File 711:Independent(London) Sep 1988-2003/Dec 10  
 (c) 2003 Newspaper Publ. PLC  
 File 756:Daily/Sunday Telegraph 2000-2003/Dec 11  
 (c) 2003 Telegraph Group  
 File 757:Mirror Publications/Independent Newspapers 2000-2003/Dec 11  
 (c) 2003  
 File 387:The Denver Post 1994-2003/Dec 10  
 (c) 2003 Denver Post  
 File 471:New York Times Fulltext 90-Day 2003/Dec 10  
 (c) 2003 The New York Times  
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
 (c) 2002 Phoenix Newspapers  
 File 494:St LouisPost-Dispatch 1988-2003/Dec 08  
 (c) 2003 St Louis Post-Dispatch  
 File 498:Detroit Free Press 1987-2003/Dec 09  
 (c) 2003 Detroit Free Press Inc.  
 File 631:Boston Globe 1980-2003/Dec 10  
 (c) 2003 Boston Globe  
 File 633:Phil.Inquirer 1983-2003/Dec 09  
 (c) 2003 Philadelphia Newspapers Inc  
 File 638:Newsday/New York Newsday 1987-2003/Dec 10  
 (c) 2003 Newsday Inc.  
 File 640:San Francisco Chronicle 1988-2003/Dec 11  
 (c) 2003 Chronicle Publ. Co.  
 File 641:Rocky Mountain News Jun 1989-2003/Dec 05  
 (c) 2003 Scripps Howard News  
 File 702:Miami Herald 1983-2003/Dec 10  
 (c) 2003 The Miami Herald Publishing Co.  
 File 703:USA Today 1989-2003/Dec 10  
 (c) 2003 USA Today  
 File 704:(Portland)The Oregonian 1989-2003/Dec 10  
 (c) 2003 The Oregonian  
 File 713:Atlanta J/Const. 1989-2003/Dec 11  
 (c) 2003 Atlanta Newspapers  
 File 714:(Baltimore) The Sun 1990-2003/Dec 11  
 (c) 2003 Baltimore Sun  
 File 715:Christian Sci.Mon. 1989-2003/Dec 11  
 (c) 2003 Christian Science Monitor  
 >>>Invalid SHOW option: DS  
 File 725:(Cleveland)Plain Dealer Aug 1991-2003/Dec 10  
 (c) 2003 The Plain Dealer  
 File 735:St. Petersburg Times 1989- 2003/Dec 10  
 (c) 2003 St. Petersburg Times

?ds

Set	Items	Description
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S1 64646 (AUTOMATE? OR COMPUTERI? OR ELECTRONIC?) ( ) (ESTIMATE? OR F-  
 ORECAST? OR CALCULATE?)  
 S2 4341 (BUILDING OR CONSTRUCTION) ( ) (CODE? OR LAW OR LAWS OR REGUL-  
 ATION OR REGULATIONS?) (5N) (CITY OR CITIES OR TOWN OR TOWNS OR  
 LOCATION? ? OR JURISDICTION? ? OR ZIP()CODE? ?)  
 S3 0 S1(5N)S2  
 S4 0 S1(10N)S2  
 S5 10 S2(8N) (AUTOMATE? OR COMPUTERI? OR ELECTRONIC?)  
 S6 5 RD (unique items)  
 S7 0 S2(8N)SOFTWARE?

6/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

10243973 Supplier Number: 96715418 (USE FORMAT 7 FOR FULLTEXT)  
**Democracy in the dark: public access restrictions from Westlaw and LexisNexis. (Industry Overview)**  
Barr, Melissa  
Searcher, v11, n1, p66(7)  
Jan, 2003  
Language: English Record Type: Fulltext  
Article Type: Industry Overview  
Document Type: Magazine/Journal; Professional Trade  
Word Count: 5132

... the then-unresolved copyright infringement case involving Peter Veeck, his Web site, and the basic **building codes** of two small Texas towns .

Mr. Veeck purchased an **electronic** (CD-ROM) copy of local building codes and copied them onto his free Web site...

6/3,K/2 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

12159906 SUPPLIER NUMBER: 61828434 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Municipal joint venture puts permitting online. (Silicon Valley) (Brief Article)**  
Moura, Brian  
American City & County, 115, 5, 14  
April, 2000  
DOCUMENT TYPE: Brief Article ISSN: 0149-337X LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 451 LINE COUNT: 00039

... process. In San Carlos, that led to more than 90 improvements even before the new **automated** permit system was developed.

Next, the **cities** standardized forms, systems and **building codes** (whittling 400 amendments down to 11) so that one technology package could span the needs...

6/3,K/3 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

01134226  
**CAD pioneer reflects on the past and the future**  
Architectural Record January, 2001; Pg 133; Vol. 189, No. 1  
Journal Code: AR ISSN: 0003-858X  
Section Heading: Digital Architect  
Word Count: 1,484 \*Full text available in Formats 5, 7 and 9\*

BYLINE:  
Jerry Laiserin, FAIA

TEXT:  
... interface between a design representation and what is now Sweets' catalogs. . . . One can conceive of . . . **automated building code** checking in **city** hall or the architect's office. Contractors of large projects may find this representation advantageous...

6/3,K/4 (Item 1 from file: 634)

DIALOG(R)File 634:San Jose Mercury  
(c) 2003 San Jose Mercury News. All rts. reserv.

07109109

**JOINT VENTURE GETS DOWN TO EARTH**

San Jose Mercury News (SJ) - Sunday, April 18, 1993

By: Rob Elder column

Edition: Morning Final Section: Editorial Page: 7C

Word Count: 768

...Saratoga -- have guided the regulatory climate initiative.

Their goals include streamlining the process in which **cities** grant permits, making **building codes** more uniform, and creating an **electronic** clearinghouse for environmental regulations -- the last being something any reasonable soul would have assumed we...

**6/3,K/5 (Item 1 from file: 638)**

DIALOG(R)File 638:Newsday/New York Newsday

(c) 2003 Newsday Inc. All rts. reserv.

04642269

**HEMPSTEAD OKS PROJECT STARTED WITHOUT PERMIT**

NEWSDAY (ND) - Wednesday May 18, 1988

By: Celeste Hadrick

Edition: NASSAU Section: NEWS Page: 31

Word Count: 591

DESCRIPTORS: **TOWN OF HEMPSTEAD; BUILDING; CONSTRUCTION ; LAW ;**  
**INDUSTRY; MITCHEL FIELD; HOFSTRA UNIVERSITY; NASSAU COUNTY;**  
**FREQUENCY ELECTRONICS**



File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov  
 (c)2003 Info.Sources Inc  
 File 2:INSPEC 1969-2003/Nov W5  
 (c) 2003 Institution of Electrical Engineers  
 File 35:Dissertation Abs Online 1861-2003/Oct  
 (c) 2003 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2003/Dec W1  
 (c) 2003 BLDSC all rts. reserv.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct  
 (c) 2003 The HW Wilson Co.  
 File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
 (c) 2003, EBSCO Pub.  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group  
 File 474:New York Times Abs 1969-2003/Dec 10  
 (c) 2003 The New York Times  
 File 475:Wall Street Journal Abs 1973-2003/Dec 10  
 (c) 2003 The New York Times

?ds

Set	Items	Description
S1	90927	(GOODS OR SERVICE? ? OR SUPPLIES OR RESOURCE? OR MATERIAL - OR MATERIALS OR EQUIPMENT?)(3N)(COST OR COSTS OR PROCUR? OR E- XPENSE? ? OR PRICE OR PRICES)
S2	30497	(JOB OR JOBS OR CONSTRUCTION? OR PROJECT? ?)(3N)(COST OR C- OSTS OR PROCUR? OR EXPENSE? ? OR PRICE OR PRICES)
S3	20224	(AUTOMATE? OR COMPUTERI? OR ELECTRONIC? OR DIGITI? OR DIGI- TAL?)(3N)(ESTIMAT? OR FORECAST? OR CALCULAT?)
S4	73	(BUILDING OR CONSTRUCTION)()(CODE? OR LAW OR LAWS OR REGUL- ATION OR REGULATIONS?)(5N)(CITY OR CITIES OR TOWN OR TOWNS OR LOCATION? ? OR JURISDICTION? ? OR ZIP()CODE? ?)
S5	0	S4(5N)(VALID? OR VERIF?)
S6	261	GAP()ANALYS?
S7	0	AU=(COMO, B? OR COMO B?)
S8	50	S1 AND S3
S9	0	S8 AND S4
S10	0	S8 AND S6
S11	47	S8 NOT PY>2000
S12	45	RD (unique items)
S13	40	S12 NOT ELECTRONICS
S14	0	S1 AND S6
S15	33	S2 AND S3
S16	32	S15 NOT S13
S17	0	S16 AND (S4 OR S6)
S18	27	S16 NOT PY>2000
S19	26	RD (unique items)

13/5/1 (Item 1 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00118235 DOCUMENT TYPE: Review

**PRODUCT NAMES: Supply Chain Management (833444)**

**TITLE: We Must Never Break the Chain**  
**AUTHOR:** Ritter, David  
**SOURCE:** Intelligent Enterprise, v2 n9 p68(3) Jun 22, 1999  
**ISSN:** 1524-3621  
**HOME PAGE:** <http://www.intelligententerprise.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

A discussion of preplanning required before implementation of automated supply chain management systems looks at direct materials purchasing and applicable technologies. Currently, industry experts believe that the Internet will obviate the need for intermediaries in the supply chain. Most business-to-business transactions will take place directly, but e-channels are really creating new markets for intermediaries. Among the more intriguing are e-marketplaces. Internet market developers and exchange managers are emerging in large numbers. They perform many services, including information exchange, online communities, spot bidding in online auctions, full **service procurement**, and inventory management. The e-marketplace can level the playing field, and has the potential to allow all suppliers to compete for business equally. Many companies that have gotten their internal enterprise computing systems under control are now turning their attention to integration and automation processes conducted between companies. Direct purchasing is the core of the supply chain, and direct materials can be divided into highly specific components, custom parts manufactured to specification, and commodity parts and materials. Supply chain automation employs technology to lower the number of, or eliminate altogether, the manual processes required for purchasing. Among technologies used are **forecasting** systems, **electronic** data interchange (EDI), and extranets. To be effective supply chain systems they must have a comprehensive and strategic view of the purchasing process.

**COMPANY NAME:** Vendor Independent (999999)  
**SPECIAL FEATURE:** Charts  
**DESCRIPTORS:** Business Planning; E-Commerce; Internet Marketing; Material Requirements Planning; Part Ordering; Purchasing; Supply Chain Management  
**REVISION DATE:** 20001230

13/5/2 (Item 1 from file: 2)  
DIALOG(R) File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6866240 INSPEC Abstract Number: C2001-04-7440-188  
**Title:** Automated **system for cost** estimating **of earthmoving operations**  
**Author(s):** Moselhi, O.; Marzouk, M.  
**Author Affiliation:** Dept. of Building, Civil & Environ. Eng., Concordia Univ., Montreal, Que., Canada  
**Conference Title:** Proceedings of the 17th IAARC/CIB/IEEE/IFR International Symposium on Automation and Robotics in Construction. 17th ISAREC 2000 p.1053-8  
**Editor(s):** Wang, M.-T.; Chern, J.-C.; Tserng, H.P.; Hsieh, S.-H.; Wu, T.-S.; Wei, Y.  
**Publisher:** Nat. Taiwan Univ., Taipei, Taiwan  
**Publication Date:** 2000 **Country of Publication:** Taiwan 1271 pp.

ISBN: 957 02 6698 8      Material Identity Number: XX-2000-02185  
Conference Title: Proceedings of IAARC/CIB/IEEE/IFAC/IFR International  
Symposium Automation and Robotics in Construction - ISARC  
Conference Sponsor: Int. Assoc. Autom. & Robotics in Constr. (IAARC);  
Int. Council for Res. & Innovation in Building & Constr. (CIB); et al  
Conference Date: 18-20 Sept. 2000      Conference Location: Taipei, Taiwan  
Medium: Also available on CD-ROM in PDF format  
Language: English      Document Type: Conference Paper (PA)  
Treatment: Practical (P)

Abstract: This paper presents an automated system, designed to assist  
contractors in estimating time and cost of earthmoving operations utilizing  
object oriented simulation. The proposed system consists of two main  
modules (simulation/optimization, and reporting), **equipment** database, and  
**equipment cost** application (ECA). The system is developed in Microsoft  
environment and its components are integrated through a user-friendly  
interface. The paper provides an overview of the proposed system and  
describes briefly its main components. It also provides a detail  
description of the developed application ECA that is dedicated for  
estimating **equipment** owning and operating **costs**. A numerical example is  
presented to demonstrate the use of the developed application and  
illustrate its essential features. (10 Refs)

Subfile: C

Descriptors: civil engineering computing; costing; digital simulation;  
materials handling; object-oriented methods; user interfaces

Identifiers: automated system; cost estimation; earthmoving operations;  
time estimation; object oriented simulation; optimization; equipment  
database; **equipment cost** application; ECA; Microsoft environment;  
user-friendly interface

Class Codes: C7440 (Civil and mechanical engineering computing); C7420  
(Control engineering computing); C7120 (Financial computing); C6110F (  
Formal methods); C6180 (User interfaces)

Copyright 2001, IEE

13/5/3      (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6666503      INSPEC Abstract Number: B2000-09-7510P-019, C2000-09-7330-195

Title: **The length of time necessary to break even after converting to  
digital mammography**

Author(s): Hiatt, M.D.; Carr, J.J.; Manning, R.L.

Author Affiliation: Dept. of Radiol., Virginia Univ., Charlottesville,  
VA, USA

Journal: Journal of Telemedicine and Telecare      vol.6, no.4      p.222-4

Publisher: R. Soc. Med. Press Ltd,

Publication Date: 2000      Country of Publication: UK

CODEN: JTETFA      ISSN: 1357-633X

SICI: 1357-633X(2000)6:4L:222:LTNB;1-E

Material Identity Number: G346-2000-005

Language: English      Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The cost differences between film-based mammography (FBM) and  
**digital** mammography (DM) were **estimated** after discussions with hospital  
personnel and industry representatives. Human **resource costs** were not  
included. The fixed cost of FBM per machine was estimated to be \$50,000 and  
the variable cost \$4.60 per examination. The fixed cost of DM per machine  
was estimated to be \$102,000 and the variable cost \$0.10 per examination.  
The total number of examinations required to break even was therefore  
11,556. At a rate of 15 examinations per machine per day and with 251  
working days per year, it would take 3.1 years to break even. In the first  
year after the break-even point had been attained, \$16,943 would be saved  
for every 3765 examinations performed. Extrapolating to the USA as a whole,  
in which 23 million mammographic examinations are performed each year,  
suggests that the annual savings from going filmless would be more than

\$103 million. (5 Refs)

Subfile: B C

Descriptors: cost-benefit analysis; mammography; medical image processing

Identifiers: break-even time; cost difference; film-based mammography; digital mammography; hospital personnel; industry representatives; fixed cost; variable cost; mammographic examinations; extrapolation; USA; annual savings; filmless radiography; conversion costs; 3.1 year

Class Codes: B7510P (X-ray techniques: radiography and computed tomography (biomedical imaging/measurement)); C7330 (Biology and medical computing); C0230 (Economic, social and political aspects of computing); C5260B (Computer vision and image processing techniques)

Numerical Indexing: time 9.8E+07 s

Copyright 2000, IEE

13/5/4 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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5854974 INSPEC Abstract Number: A9808-8630G-008, B9804-8410G-012

**Title: Technical problems to be solved before the solid oxide fuel cell will be commercialized**

Author(s): Bagger, C.; Christiansen, N.; Hendriksen, P.V.; Jensen, E.J.; Larsen, S.S.; Mogensen, M.

Author Affiliation: Dept. of Mater., Riso Nat. Lab., Roskilde, Denmark

Conference Title: FUEL CELL. 1996 Fuel Cell Seminar. Program and Abstracts p.44-7

Publisher: Courtesy Associates, Washington, DC, USA

Publication Date: 1996 Country of Publication: USA xxvi+794 pp.

Material Identity Number: XX96-03351

Conference Title: Proceedings of Fuel Cell Seminar

Conference Sponsor: Fuel Cell Organ. Comm

Conference Date: 17-20 Nov. 1996 Conference Location: Orlando, FL, USA

Availability: Annmarie Pittman, Courtesy Associates Inc, 655 15th Street NW, Suite 300, Washington, DC 20005, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Economic aspects (E); Practical (P)

**Abstract:** An economical analysis of stack fabrication costs, based upon the experience gathered from the first Danish 0.5 kW stack shows, that if an area specific internal resistance of 0.4  $\Omega$  cm/sup 2/ may be achieved, the stack may be fabricated at 3000 ECU/kW. The fabrication is based upon simple ceramic techniques. This cost is already a major reduction compared to the price published by the European Community of 30000 ECU/kW. A number of tools have been identified for further reduction of the stack price: (i) redesign of costly components, (ii) utilisation of cheaper materials where acceptable, (iii) reduction of the number of different components in the stack, and (iv) reduced losses in a highly **automated**, large scale production. **Calculations** excluding (iv) show that a reduction to 1100 ECU/kW is possible. This, however, requires further technological development of the shaping of selected components. Technically the dimensional instability of the interconnect has to be focused upon, because single sided material expansion during pO/sub 2/-changes on the anode side during service will lead to sealing problems and detachment of contacts between the individual stack elements. Presently available metallic interconnect materials are not directly applicable, partly because of high **materials cost** and high **cost** of shaping, partly because of the requirement of lower operation temperatures to reduce oxidation and Cr/sub 2/O/sub 3/ poisoning of electrodes. Finally, it is mandatory that an anode either with an adjusted internal reforming rate or with the ability of direct methane oxidation is developed. (8 Refs)

Subfile: A B

Descriptors: anodes; economics; electrochemical electrodes; fuel cells; losses

Identifiers: solid oxide fuel cell; technical problems; economical analysis; stack fabrication costs; area specific internal resistance;

ceramic techniques; components redesign; reduced losses; components shaping  
; dimensional instability; interconnect; single sided material expansion;  
O/sub 2/-changes; anode side; sealing problems; contacts detachment;  
metallic interconnect materials; oxidation reduction; Cr/sub 2/O/sub 3/  
electrode poisoning; adjusted internal reforming rate; direct methane  
oxidation; Denmark; 0.5 kW

Class Codes: A8630G (Fuel cells); A8245 (Electrochemistry and  
electrophoresis); B8410G (Fuel cells); B0140 (Administration and  
management)

Numerical Indexing: power 5.0E+02 W  
Copyright 1998, IEE

13/5/5 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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4893253

**Title: Pricing by the numbers**

Journal: Inc vol.16, no.13 p.101

Publication Date: 1994 Country of Publication: USA

CODEN: INCCDU ISSN: 0162-8968

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: For a business that creates a custom product, good estimates  
make or break profits. Wall/Goldfinger, a Northfield, Vt., manufacturer of  
contract office furniture, chipped away slowly at that challenge for almost  
20 years before **computerizing** the **estimation** process in 1990. Now, with  
an inexpensive off-the-shelf database, the \$3-million company can  
accurately price each job by forecasting labor **expenses**, projecting  
**materials costs**, and monitoring the manufacturing process to ensure  
that it sticks to its plan. (0 Refs)

Subfile: D

Descriptors: costing; database management systems; furniture;  
manufacturing industries

Identifiers: Wall/Goldfinger; contract office furniture manufacturer;  
**estimation** process **computerisation**; off-the-shelf database; labor  
expenses forecasting; **materials costs** projection; manufacturing process  
monitoring

Class Codes: D2070 (Industrial and manufacturing); D2050 (Financial  
applications)

Copyright 1995, IEE

13/5/6 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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4731325 INSPEC Abstract Number: B9409-8110D-009, C9409-7410B-126

**Title: Job estimating using the AutoMOST expert system**

Author(s): Crocker, D.M.

Author Affiliation: Long Island Lighting Co., Hicksville, NY, USA  
p.15 pp.

Publisher: Electr. Power Res. Inst, Syracuse, NY, USA

Publication Date: 1993 Country of Publication: USA 1194 pp.

Conference Title: Proceedings of International Conference on Expert  
System Applications for the Electric Power Industry

Conference Sponsor: Electr. Power Res. Inst

Conference Date: 8-10 Dec. 1993 Conference Location: Phoenix, AZ, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: As the Long Island Lighting Company (LILCO) strives to control  
**costs** and provide better **service**, it has to produce more accurate and  
consistent job estimates with a smaller, less experienced estimating staff.  
LILCO decided to **automate** its **estimating** process and capture the

knowledge of its more experienced estimators for use by others. AutoMOST is a simple, forward chaining, data driven expert system which uses a FORTRAN like language to build rules. Surface knowledge in the form of 'IF-Then' rules and tables use job requirements to select labor standards and material assemblies. Input validation and pull down 'help' menus make the system user friendly. Modular rulesets written to cover narrow work types can be linked to estimate jobs involving several different work types. An updated system with a graphical user interface will be written and released by 1994. (0 Refs)

Subfile: B C

Descriptors: electricity supply industry; expert systems; graphical user interfaces; power engineering computing; power system planning; software packages

Identifiers: rule building; surface knowledge; if-then rules; pull down menus; power system planning; AutoMOST; expert system; costs; FORTRAN; job requirements; labor standards; material assemblies; user friendly; graphical user interface

Class Codes: B8110D (Power system planning and layout); B8110B (Power system management, operation and economics); C7410B (Power engineering); C6170 (Expert systems); C6180G (Graphical user interfaces); C7165 (Public utilities)

13/5/7 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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4437050 INSPEC Abstract Number: B9308-8110B-028

**Title: Priority services design and forecasting project. Priority service methods at Commonwealth Edison**

Issued by: Electr. Power Res. Inst., Palo Alto, CA, USA

Publication Date: Dec. 1992 Country of Publication: USA 200 pp.

Report Number: EPRI TR-101431

Availability: EPRI Distrib. Center, P.O.Box 23205, Pleasant Hill, 94523, (tel.: (510) 934-4212), USA

Language: English Document Type: Report (RP)

Treatment: Theoretical (T)

Abstract: Priority services are programs such as interruptible power supply service that allow an electric utility to share control of electricity use with customers. This study of Commonwealth Edison customers tested the validity of previously developed models of customer response to controlled energy **services**; developed a more **cost**-effective, **computerised** survey technique; and **estimated** customer acceptance of various controlled energy services.

Subfile: B

Descriptors: electricity supply industry; load management; power supply quality; tariffs

Identifiers: electricity supply industry; load management; tariffs; power supply quality; USA; priority services; interruptible power supply; electricity use; customers; Commonwealth Edison; models; controlled energy services; survey; customer acceptance

Class Codes: B8110B (Power system management, operation and economics); B8120 (Power transmission, distribution and supply)

13/5/8 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03788582 INSPEC Abstract Number: B91000301

**Title: The worldwide contract assembly market**

Author(s): Selven, G.

Author Affiliation: Electron. Trend Publications, Saratoga, CA, USA

Conference Title: Competitive Surface Mount Technology. The Proceedings of SMTCON. Surface Mount Technology Conference and Exposition p.471-6

Publisher: IC Manage, Chicago, IL, USA  
Publication Date: 1990 Country of Publication: USA 476 pp.  
Conference Date: 3-6 April 1990 Conference Location: Atlantic City, NJ, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Economic aspects (E)

Abstract: PCB contract assembly value is defined as the total value of services provided by contractor, from design to final ship, as well as **materials cost**, markup, and profit. The total value of contract assembly was \$9.9B in 1988. This figure increased to \$11.2B in 1989 and will reach \$18.7B in 1993. The **estimated** value of **electronic** equipment assembly, including in-house and contracted assembly, in Asia, Europe, and North America for 1989 is between \$50B and \$60B. Contract assembly in these regions has captured less than 10% of the potential assembly market. (0 Refs)

Subfile: B

Descriptors: assembling; contracts; printed circuit manufacture; surface mount technology; technological forecasting

Identifiers: SMT; contract assembly market; PCB contract assembly; electronic equipment assembly

Class Codes: B0180 (Other and miscellaneous); B2210D (Printed circuit manufacture); B0150 (Electrical contracting and installation)

13/5/9 (Item 8 from file: 2)

DIALOG(R) File 2:INSPEC

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02945335 INSPEC Abstract Number: C87049227

**Title: A prototype intelligent planning assistant in the manufacture of flight simulators**

Author(s): Lim, B.S.; Wrigglesworth, D.

Author Affiliation: Inf. Tech. Res. Inst., Brighton Polytech., UK

Conference Title: IEE Colloquium on 'Expert Planning Systems - A New Application for Control Theory' (Digest No.59) p.4/1-10

Publisher: IEE, London, UK

Publication Date: 1987 Country of Publication: UK 32 pp.

Conference Sponsor: IEE

Conference Date: 13 May 1987 Conference Location: London, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The sales engineering and project planning functions in a bid proposal phase are vital links which join industry with its customers. They can be collectively defined as an act of preparing a coordinated set of plans that matches a customer's specification to the available range of products, services and resources. A detailed plan, within the flight simulator industry, includes a set of bidding information which encompasses a product document, master production schedule and product family tree structure together with its activity, **material**, **cost** and time **estimates**. To **automate** the functions of the sales engineering and project planning team using conventional programming is both difficult and impractical. The advent of IKBS has given computer scientists a means to represent bidding information together with the experience and knowledge of the planning team. But in order to apply an IKBS to solve a given problem, the required knowledge needs to be specially engineered. The paper reports on research to design and develop a planning system called PIPPA for expediting the bid proposal and product configuration processes in the flight simulator industry using the RBFS and VEGAN environment. (14 Refs)

Subfile: C

Descriptors: aerospace simulation; digital simulation; expert systems; production control

Identifiers: intelligent planning assistant; flight simulators; sales engineering; project planning; bid proposal; product document; master production schedule; product family tree structure; IKBS; PIPPA; RBFS; VEGAN environment

13/5/10 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02620974 INSPEC Abstract Number: C86019769

**Title: A cost comparison of manual and automated circulation systems in university libraries: the case of the Ibadan University library**

Author(s): Alabi, G.A.

Author Affiliation: Dept. of Libr. Studies, Ibadan Univ., Nigeria

Journal: Information Processing & Management vol.21, no.6 p.525-33

Publication Date: 1985 Country of Publication: UK

CODEN: IPMADK ISSN: 0306-4573

U.S. Copyright Clearance Center Code: 0306-4573/85\$3.00+.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** This paper presents the results of a comparative cost study of the manual circulation system and experimental automated system in a university library in Nigeria. Two sets of data were collected: one on the existing manual circulation system and the other on the experimental automated system on an Apple II microcomputer. Eight different circulation activities were identified for evaluation for which the direct labor cost of circulating a book on each system was **calculated**. The experimental **automated** system was found to be less labor intensive than the manual system, although overall unit cost of book circulation on the automated system was higher than on the manual system (\$0.59 and \$0.49, respectively). Factors attributed to the higher unit cost on the automated system were the **cost of equipment** and the low circulation figure. However, the automated system was found to be more effective in providing up to date and accurate data required for the monitoring of the library stock. (9 Refs)

Subfile: C

Descriptors: library automation

Identifiers: automated circulation systems; university libraries; Ibadan University; comparative cost study; manual circulation system; Apple II microcomputer; book circulation

Class Codes: C7210 (Information services and centres)

13/5/11 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02462202 INSPEC Abstract Number: B85034020, C85027968

**Title: A fast array multiplier**

Author(s): Lorenz, E.; Sandau, R.

Journal: Radio Fernsehen Elektronik vol.33, no.12 p.763-5, 768

Publication Date: Dec. 1984 Country of Publication: East Germany

CODEN: RFELB6 ISSN: 0033-7900

Language: German Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** Efforts are being made to use highly efficient specialised calculators, which contain multipliers of comparable efficiency, to solve many problems. For this purpose the use of array multipliers is particularly attractive, although their **material cost** is high. A structure for an array multiplier by which, in comparison with other structures, the necessary expense is reduced and the simplicity of the integration is maintained without any reduction in processing speed is proposed. (6 Refs)

Subfile: B C

Descriptors: **electronic calculators** ; multiplying circuits

Identifiers: processing speed; **electronic calculators** ; array multipliers



Class Codes: B1265Z (Other digital circuits); B1290 (Special purpose electronic circuits); C5120 (Logic and switching circuits); C5430 (Microcomputers)

13/5/12 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01895921 INSPEC Abstract Number: B82034149, C82031400

**Title: Programmable calculator applications in local government engineering economics**

Author(s): Taylor, P.B.

Author Affiliation: Hobart City Council, Hobart, Tas., Australia

Conference Title: Engineering Conference 1982 p.53-7

Publisher: Instn. Eng. Australia, Barton, ACT, Australia

Publication Date: 1982 Country of Publication: Australia 261 pp.

ISBN: 0 85825 163 9

Conference Date: 22-26 Feb. 1982 Conference Location: Hobart, Tas., Australia

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Economic aspects (E)

Abstract: Alpha-numeric programmable calculators provide professional engineers with cheap 'mini-microcomputers' suited to a wide range of applications. The field of engineering economics is poorly catered for by commercially-available programmes. Four programmes are presented to help fill this gap. They deal specifically with local government maintenance and **services** budgeting and **cost** control, and with plant and vehicle hire rates and replacement planning. The programs can be adapted for use in other branches of engineering and management. (15 Refs)

Subfile: B C

Descriptors: economics; **electronic calculators**; engineering; financial data processing; government data processing; management

Identifiers: local government engineering economics; programmable calculators; professional engineers; engineering economics; local government maintenance and services; budgeting; cost control; plant; vehicle hire; replacement planning; engineering; management

Class Codes: B0140 (Administration and management); C5420 (Mainframes and minicomputers); C7120 (Finance); C7130 (Public administration)

13/5/13 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01604459 INSPEC Abstract Number: C80036030

**Title: Estimating the market for automated cataloguing services in the UK**

Author(s): Seal, A.

Journal: Journal of Librarianship vol.12, no.3 p.159-70

Publication Date: July 1980 Country of Publication: UK

CODEN: JLIBAH ISSN: 0022-2232

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A)

Abstract: Summarizes and expands on some of the results published in the report 'Cataloguing costs in the UK: an analysis of the market for automated cataloguing services' by C. Mary Overton and Alan Seal. A questionnaire survey of 845 UK libraries was carried out to establish the size and distribution of the market for automated cataloguing services. The response rate from university, polytechnic and public libraries was 82 per cent. Most of the questions related to the cost of cataloguing (such as staff effort and computer charges) and the size of cataloguing intake. Other questions dealt with the size of library, type of catalogue entry used, form of output and subject processing matters. Results include graphs which show how many titles are catalogued, at what cost and the potential

income to a supplier of a UK cataloguing **service** at any particular **price** he might charge. (2 Refs)

Subfile: C

Descriptors: cataloguing

Identifiers: automated cataloguing; libraries; market estimating

Class Codes: C7240 (Information analysis and indexing)

**13/5/14 (Item 13 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01401006 INSPEC Abstract Number: B79037104, C79027637

**Title: Simplified procedures for performing life cycle cost analyses**

Author(s): Mills, B.S.

Author Affiliation: Aeronautical Systems Div., Wright-Patterson, AFB, OH, USA

Conference Title: Proceedings of the IEEE 1979 National Aerospace and Electronics Conference NAECON 1979 Part I p.290-5

Publisher: IEEE, New York, NY, USA

Publication Date: 1979 Country of Publication: USA 500 pp.

Conference Sponsor: IEEE

Conference Date: 15-17 May 1979 Conference Location: Dayton, OH, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Economic aspects (E); Practical (P)

Abstract: The use of cost models has previously been limited mostly to large scale computers. Handheld calculators are now available with adequate program and memory capacity to accommodate many cost models. This capability has provided a new and valuable tool for making fast and convenient **cost** analyses of new **equipments** and of design and support options. The key advantage of using handheld programmable calculators is that they are an extremely powerful tool that can drastically reduce the feedback loop for information on life cycle cost impacts. (1 Refs)

Subfile: B C

Descriptors: **electronic calculators** ; financial data processing; reliability

Identifiers: life cycle cost analyses; cost models; handheld programmable calculators

Class Codes: B0170N (Reliability); C5420 (Mainframes and minicomputers); C7120 (Finance)

**13/5/15 (Item 14 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01319613 INSPEC Abstract Number: C79009984

**Title: Fully automated records management**

Author(s): Simon, C.K.; Gerber, D.L.

Journal: Journal of Micrographics vol.12, no.1 p.53-7

Publication Date: Sept.-Oct. 1978 Country of Publication: USA

CODEN: JMGPBN ISSN: 0022-2712

Conference Title: Proceedings of the Twenty-Seventh Annual Conference of the National Micrographics Association

Conference Date: 9-12 May 1978 Conference Location: Boston, MA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Over the next twenty years, organizations of all kinds will replace papers-in-a-folder files with automated files, and the paper file will become as obsolete as the rotary **calculator**. Fully **automated** filing is **cost**-effect with **equipment** and techniques that are available now. Automated files can eliminate the bulky, cumbersome, costly paperwork files that we have become accustomed to. The most effective use of automated files and potential for improvement now exists in service

organizations such as banks, insurance companies and hospitals, and in governmental organizations such as courts and welfare departments. (0 Refs)

Subfile: C  
Descriptors: file organisation; information retrieval  
Identifiers: automated records management; automated files  
Class Codes: C6120 (File organisation); C7250 (Information storage and retrieval)

13/5/16 (Item 15 from file: 2)

DIALOG(R)File 2:INSPEC

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00694056 INSPEC Abstract Number: C74022864

**Title: Automatic system for accumulating, processing and recording trading data at the retail outlets based on the 'Elka 77TL' electronic cash register and the 'Izot 0310' minicomputer**

Author(s): Elenkov, V.II.

Journal: Elektro Promishlenost i Priborostroene vol.9, no.4 p.52-5

Publication Date: April 1974 Country of Publication: Bulgaria

CODEN: ELPBAV ISSN: 0013-5763

Language: Bulgarian Document Type: Journal Paper (JP)

Treatment: Applications (A)

Abstract: The automatic system described uses an electronic cash register and a minicomputer in conjunction with the 'cost system' for recognising **goods** with a minimum of manual operations to feed in a code number: it operates in real time in both the on-line and off-line modes and processes information on all sales carried out at the retail outlet. A description of the 'Elka 77TL' cash register, an account of the functions it carries out and its mode of operation is given. The principal units, operation and modifications of the 'Izot 0310' minicomputer and the system of priorities by which it selects the order of operations are described and the interface between the two units is considered. (0 Refs)

Subfile: C

Descriptors: administrative data processing; commerce; **electronic calculators** ; minicomputers

Identifiers: commerce; distributive administrative data processing; **electronic calculators** ; accumulating; processing and recording trading data; retail outlets; electronic cash register; minicomputer

Class Codes: C7190 (Other fields)

13/5/17 (Item 16 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

00627585 INSPEC Abstract Number: B74017520, C74008773

**Title: A method of calculation for the determination of optimal (choice) of a shearing motor**

Author(s): Baumer, G.; Langhoff, J.

Journal: Technische Mitteilungen AEG-Telefunken vol.63, no.6 p. 216-21

Publication Date: 1973 Country of Publication: West Germany

CODEN: TMATBD ISSN: 0040-1447

Language: German Document Type: Journal Paper (JP)

Treatment: Applications (A); Theoretical (T)

Abstract: Conditions are outlined for finding the optimal **cost** of a shearing **equipment** which depends upon the cost of the motor, the rectification equipment and the switchgear. The secondary conditions which include peak moment of force, speed, type of cooling etc., are taken into account in the production of a **calculation** programme for a **digital** computer. The programme provides for optimum choice of electric motor in respect to performance and cost to be made.

Subfile: B C

Descriptors: computer aided analysis; electric motors; electrical engineering applications of computers

Identifiers: shearing equipment; rectification equipment; switchgear; digital computer; shearing motor

Class Codes: B8320 (d.c. machines); C3260B (Electric equipment); C7410B (Power engineering)

13/5/18 (Item 17 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

00499662 INSPEC Abstract Number: C73008654

**Title: Problems related to the numerical control and operation of cement production and results obtained**

Author(s): Cottet, Y.

Journal: Bulletin Scientifique de l'Association des Ingenieurs Electriciens sortis de l'Institut Electrotechnique Montefiore vol.85, no.4 p.223-9

Publication Date: Oct.-Dec. 1972 Country of Publication: Belgium

CODEN: BURMA2 ISSN: 0302-2676

Language: French Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: The article gives a detailed technical review of the stage by stage processes involved in the commercial production of cement from the crude to the final product. The necessity to improve the overall efficiency of production demands the rapid availability, analysis, and speedy dissemination of considerable amounts of technical data, obtained at frequent time intervals from successive points along the production line. Automation is introduced, in the form of numerical control systems, feeding back corrective control signals to the various stages. This is supplemented by the addition of process **calculators** and **electronic digital** control equipment. These equipments are described. From experience, the author concludes that the vast amount of data that can be accumulated by these automated methods cannot be other than of ultimate advantage to the industry and that in the long term the overall **cost** of automated **equipment** is less than that of conventional installations. (0 Refs)

Subfile: C

Descriptors: cement industry; digital control; numerical control; reviews

Identifiers: numerical control; cement production

Class Codes: C3350N (Glass, ceramics, brick and cement industries)

13/5/19 (Item 18 from file: 2)

DIALOG(R)File 2:INSPEC

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00407079 INSPEC Abstract Number: B72026309, C72013488

**Title: System enhances construction-management procedure**

Author(s): Korelich, P.A.; Salapatras, J.N.

Journal: Transmission and Distribution vol.24, no.2 p.38-40

Publication Date: Feb. 1972 Country of Publication: USA

CODEN: TRDIAT ISSN: 0041-1280

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G); Practical (P)

Abstract: A **computerized** system for **estimating**, scheduling, reporting, and controlling all phases of construction and maintenance of utility facilities, including **procurement** of **materials**, has been developed and put into operation by Florida Power & Light and Consumers Power, Jackson, Mich. Results to date have been excellent, and utilities expect that benefits will increase as more of the system is evolved and put into practice.

Subfile: B C

Descriptors: computer applications; electrical engineering applications of computers; maintenance engineering; management; power system control;

power systems

Identifiers: computerized system; estimating; scheduling; reporting;  
controlling; construction; maintenance; utility facilities; **material  
procurement**

Class Codes: B8110B (Power system management, operation and economics);  
C3340H (Electric systems); C7410B (Power engineering)

**13/5/20 (Item 19 from file: 2)**

DIALOG(R)File 2:INSPEC

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00371979 INSPEC Abstract Number: B72013350, C72008441

**Title: Design of liquid-crystal displays for low-power electronic pocket  
calculators**

Author(s): Jones, D.; Sun Lu

Author Affiliation: Riker-Maxson Corp., Great River, NY, USA

Conference Title: 17th International electron devices meeting (abstracts)  
p.S8-S9

Publisher: IEEE, New York, NY, USA

Publication Date: 1971 Country of Publication: USA 179 pp.

Conference Sponsor: IEEE

Conference Date: 11-13 Oct. 1971 Conference Location: Washington, DC,  
USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Nematic liquid-crystal display devices utilizing the dynamic  
scattering phenomenon require only a few microwatts of excitation power.  
This distinctive feature makes them desirable for use in low-power  
**electronic pocket calculators**. Different applications of liquid-crystal  
displays require different material performance characteristics and  
different panel design consideration. For displays in **electronic pocket  
calculators** the cost of the displays and their appearance are the  
dominating factors to be considered. The low excitation voltage makes  
liquid crystal displays directly compatible with MOS driving circuitry;  
however limited battery power in a pocket calculator makes the time-sharing  
mode of operation less attractive than the static mode of individually  
driving each segment. The operating lifetime of liquid crystal displays  
depends on the electronic driving scheme, the nematic material use, and the  
panel fabrication technique. A long DC lifetime is achieved by using  
carefully prepared nematic materials in hermetically sealed panels. The  
extremely low **cost** of the **material**, together with a relatively simple  
fabrication process, makes liquid crystal displays a major contender for  
use in inexpensive consumer-type low power calculators. Voltage and  
temperature dependence of pertinent parameters such as scattering power and  
turn-on and turn-off times are given.

Subfile: B C

Descriptors: digital readout; display systems; liquid crystals

Identifiers: **electronic pocket calculators**; liquid crystal displays;  
nematic material use; hermetically sealed panels

Class Codes: B4150D (Liquid crystal devices); B7260 (Display technology  
and systems); C5590 (Other peripheral equipment)

**13/5/21 (Item 1 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

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01307592 ORDER NO: AAD93-22941

**ECONOMIC ANALYSIS OF IMPLEMENTING RESPIRATOR PROGRAM OR VENTILATION SYSTEM  
IN A MANUFACTURING ENVIRONMENT**

Author: SAIDI-MEHRABAD, MOHAMMAD

Degree: PH.D.

Year: 1992

Corporate Source/Institution: WEST VIRGINIA UNIVERSITY (0256)

Chairman: WARREN R. MYERS

Source: VOLUME 54/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2139. 213 PAGES

Descriptors: ENGINEERING, INDUSTRIAL

Descriptor Codes: 0546

A methodology has been developed for creating **computerized** models that **estimate** the cost of acquiring and using air-purifying, supplied-air respirators, and local exhaust ventilation systems. The developed techniques consider the probability of injury due to the use of each type of respirator and the LEV system as well as the cost of injury according to the degree and intensity of injury; which can be added to the annual operating **cost** of this **equipment** as an expected **cost** value.

The technical cost modeling methodology involves dividing the cost of each respirator in both of the two classes, air-purifying and supplied-air, into the individual components that contribute to the total annual cost for each type. This methodology is based on theoretical considerations, engineering judgments, and existing equations in literature, as well as input from the product manufacturers. The technical cost model is the synthesis of these elements into a computerized framework.

The structure, details, and assumptions of technical cost models for nineteen type respirators and one for LEV systems are developed and presented in this study. For each model, a method was developed and implemented which incorporates the expected cost of injury for each type of respirator and LEV system. All costs are summarized under two main cost categories, fixed and variable costs. A case study of the use of the model was also presented. Case studies serve to validate the approach and assumptions of the technical cost models.

Cost models can be used to estimate the cost of using different types of respirators or LEV systems. They can also be used for performing sensitivity and comparative cost analysis to recommend the lowest cost type respirator within a particular assigned protection range. Examples of sensitivity and comparative analysis are presented for those respirators included in the analysis. The complexity of cost models are affected by the number of components a typical respirator or LEV system has.

13/5/22 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01125658 ORDER NO: AAD13-39682

A COMPUTERIZED **COST ESTIMATION , PROFITABILITY AND SENSITIVITY ANALYSIS PROGRAM FOR CHEMICAL PLANTS AND PROCESSES**

Author: STALZER, ROBERT HENRY

Degree: M.E.

Year: 1990

Corporate Source/Institution: THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART (0057)

Source: VOLUME 28/04 of MASTERS ABSTRACTS.

PAGE 613. 487 PAGES

Descriptors: ENGINEERING, CHEMICAL

Descriptor Codes: 0542

A desk top computerized method has been developed for the fast and easy analysis of chemical process costs typically associated with the building of a new plant or the expansion of an existing plant. A sensitivity analysis can also be performed upon the chemical process costs. The ease of use of the program has been enhanced by a series of interactive menu driven choices with suggested default values when required information is not known. Also included are three programs giving a detailed sizing and costing of various types of wastewater treatment systems and air pollution control equipment. User manuals and programmer manuals have been included for all programs to assist the user in both the use and modification of the programs. The manuals also include an explanation of the economics and

calculation techniques used in the programs. The associated **cost** data for individual **equipment** in only considered accurate to +/\$-\$ 30% (study estimate) and the results should not be used if greater accuracy is needed.

13/5/23 (Item 3 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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831738 ORDER NO: AAD84-00581

**BIOENERGY INDUSTRIAL LOCATION DECISIONS EMPHASIZING RAW MATERIAL  
TRANSPORTATION COSTS (MICHIGAN)**

Author: KITTLESON, KYLE MASON  
Degree: PH.D.  
Year: 1983  
Corporate Source/Institution: MICHIGAN STATE UNIVERSITY (0128)  
Source: VOLUME 44/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2608. 244 PAGES  
Descriptors: AGRICULTURE, FORESTRY AND WILDLIFE; REMOTE SENSING;  
ECONOMICS, AGRICULTURAL  
Descriptor Codes: 0478; 0799; 0503

This dissertation describes the development of a model for comparing alternative bioenergy production locations based on raw **material** transportation **costs**. Although the focus of the developmental research is wood-energy production in Michigan's Northern Lower Peninsula, only minor changes would be required to adapt the model to crop-biomass production of synfuel. This research is unique because it integrates a regional forest biomass inventory based on Landsat satellite imagery and a **computerized** model which **forecasts** network biomass transportation costs based, in part, on this inventory. It is believed to represent the first integrated model of this type.

The model developed here consists of four major components: (1) a specification of the biomass supply location and quantity, (2) estimation of the cost of transporting biomass to each of the consumers, including both existing consumers and the hypothetical bioenergy plant, (3) application of a linear programming algorithm to select, from among all the possible combinations of biomass supply points and consumers, those combinations which produce the lowest network transportation costs for the entire network, and (4) a time simulation structure for components 1.2 and 3.

Four sets of experiments were conducted using the model: (1) a series to develop preliminary statistical parameters for the network cost estimates, (2) a benchmark series of model runs every five years from 1982 through 2012 which included only the existing biomass consumer network, but no wood-energy plant, (3) a series covering the same time period simulating a small (25 MW) wood-energy plant at Rose City, Michigan, and (4) a series simulating the same size plant at Idlewild, Michigan. These experiments indicate information produced using this model will be valuable in bioenergy industrial location decisions.

13/5/24 (Item 1 from file: 65)  
DIALOG(R)File 65:Inside Conferences  
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03834846 INSIDE CONFERENCE ITEM ID: CN040278734

Computerized Equipment Cost Estimation

Alhussein, M.; Yacut, H.; Alkass, S.

CONFERENCE: Canadian conference on computing in civil and building  
engineering -3rd

CANADIAN CONFERENCE ON COMPUTING IN CIVIL AND BUILDING ENGINEERING , 1996  
; 3RD P: 240-250

Canadian Society for Civil Engineering, 1996

ISBN: 0921303653

LANGUAGE: English DOCUMENT TYPE: Conference Papers

CONFERENCE EDITOR(S): Moselhi, O.; Bedard, C.; Alkass, S.

CONFERENCE SPONSOR: Canadian Society for Civil Engineering

CONFERENCE LOCATION: Montreal, Canada 1996; Aug (199608) (199608)

BRITISH LIBRARY ITEM LOCATION: 3019.443800

DESCRIPTORS: civil engineering; computing; building engineering

**13/5/25 (Item 1 from file: 99)**

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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1829311 H.W. WILSON RECORD NUMBER: BAST91005811

**Tools to manage big projects**

McCusker, Tom;

Datamation v. 37 (Jan. 15 '91) p. 71-2+

DOCUMENT TYPE: Feature Article ISSN: 0011-6963 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: Many systems administrators are beginning to use project management software. Much of this software includes modules that allocate information systems staff **resources**, estimate development **costs** and time, and track productivity. As the use of CASE development tools increases, various groups of vendors are claiming that their software uses CASE-like tools to **automate** the **estimation** and planning steps, links directly into other companies' integrated CASE tools, or provides the software development methodologies that control the CASE application development planning process. These vendors are saying that links between project management tools and CASE tools will be a given in the years ahead.

DESCRIPTORS: Project management; Software development;

**13/5/26 (Item 1 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00372024 95LK01-023

**New CD-ROM allows you to design a garden on-screen -- Includes over 1,000 color plant photos and audio botanical name pronunciation guide**

LINK-UP, January 1, 1995, v12 n1 p21, 1 Page(s)

ISSN: 0739-988X

Company Name: Green Thumb Software; White Flower Farm

Product Name: LandDesigner Multi-Media for Gardens

Languages: English

Document Type: Product Announcement

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Announces that Green Thumb Software of Boulder, CO (800) and White Flower Farm of Litchfield, CT have released LandDesigner Multi-Media for Gardens (\$49.95), a comprehensive CD-ROM-based garden and landscape design program that is Microsoft Windows compatible. Requires an IBM-compatible, 386SX minimum computer with Microsoft Windows 3.1, 4MB of RAM, CD-ROM drive, VGA graphics, and a mouse. Says it includes drawing and editing tools, pre-drawn graphic symbols, **automated cost and material calculations**, and over 1,000 high-quality full-color photographic images. Notes that the database is searchable by any combination of plant characteristics and is user-expandable. Adds that once a garden design is completed, the selected plants can be ordered from White Flower Farm. Includes one screen display. (LDS)

Descriptors: Home; Agriculture; Hobbies; Window Software; Computer Aided Design; Photography

Identifiers: LandDesigner Multi-Media for Gardens; Green Thumb Software



; White Flower Farm

13/5/27 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09203936

Nilai e-procurement bakal tumbuh 215%

INDONESIA: GROWTH IN E-PROCUREMENT HIGH  
Bisnis Indonesia (XAI) 23 Nov 1999 p. 6  
Language: INDONESIAN

A report from Dataquest in November 1999, showed that the indirect and direct business to business electronic procurement (e-procurement) transactions via Internet are projected to grow by 215% and 195% in the coming 4 years (2000 -2003) in Indonesia, respectively. The projected growth for indirect e-procurement in Indonesia would be the highest among countries in Asia Pacific, which **electronic** commerce **estimated** to value at US\$ 320 bn in 2003. Meanwhile, direct e- **procurement** involves **procurement** of **materials** for production, while, indirect e-procurement includes contract involving operation, reparation, and maintenance.

COMPANY: DATAQUEST; INTERNET

EVENT: Market & Industry News (60);  
COUNTRY: Indonesia (9INO); Southeast Asia (92T); \*indian subcontinent (92S); Eastern Asia (92E); Communist Asia (940); Australia & New Zealand (9AUN);

13/5/28 (Item 2 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09021148

Stores in t5m video disc rip-off

UK: DIXONS AND HMV INFLATE DVD PRICES  
Independent on Sunday (TIS) 22 Nov 1998 p.11  
Language: ENGLISH

An **estimated** 10,000 **digital** video discs (DVDs) have been sold in the UK since their introduction in April 1998, which means that retailers such as the Dixons Store Group and HMV are benefiting handsomely by around GBt 5mn due to a mark-up of as much as GBt 5 above the recommended retail price. It is a deliberate move on the part of the retailers to exploit consumers' ignorance concerning the prices of DVDs given the fact that at present there are a limited number of retailers and uncertainty relating to market price. The three main film distributors have maintained different pricing levels for their films in DVD format, and retailers are shifting prices to the highest level of GBt 21.99. However since the abolition of the resale price maintenance (RPM) in 1997, the DVD manufacturers are unable to set the retail price of such products. A new web site, [www.dvdplus.co.uk](http://www.dvdplus.co.uk) is selling DVDs at their suggested retail price, and offers free next day delivery. According to Chief executive, Brian Walsh, DVDPlus will sell every disc released in the UK at the price recommended by retailers.

COMPANY: HMV; DIXONS STORE GROUP; DVDPLUS

PRODUCT: Compact Discs (3652CD);  
EVENT: Commodity & **Service Prices** (72); Company Formation (12);  
Company Formation (14);  
COUNTRY: United Kingdom (4UK);

13/5/29 (Item 3 from file: 583)

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09011214

Digital media could create 80,000 jobs by 2007

UK: GROWTH POTENTIAL FOR DIGITAL MEDIA INDUSTRY

Financial Times (FT) 03 Nov 1998 p.16

Language: ENGLISH

The UK Digital Media Alliance, a consortium of companies involved in creating content for the Internet, CD-Roms and other **digital** formats has published **forecasts** for the growth of the industry. Currently 20,750 people are employed in the sector. There are 2,750 digital media companies creating revenues of GBt 687.5mn. Digital subsidiaries of established media companies account for another GBt 187.5mn. The report claims that the industry has the potential to grow 20% per year over the next decade and could be employing 100,000 people by 2007. By that time revenues generated could be GBt 5bn per year. However, it did warn that certain factors could restrict that growth, including **cost** of updating **equipment** and the **cost** on Internet access.

(c) Financial Times 1998

COMPANY: DIGITAL MEDIA ALLIANCE

EVENT: Production Information (62); Labour Information (53);

COUNTRY: United Kingdom (4UK);

**13/5/30 (Item 4 from file: 583)**

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06666294

First digital TVs to be sold in US by Matsushita

US: DIGITAL TV SETS ON SALE NOW

Wall Street Journal Europe (WSJ) 04 Aug 1998 p.6

Language: ENGLISH

Digital television sets will be on sale to the public for the first time in the US early in August 1998. The Matsushita Electric Industrial Company has shipped the Panasonic branded sets to retailers from its Mexican factory. The initial model will feature a 56-inch high definition screen and will retail at US\$ 5,500 to US\$ 6,000. In October 1998, the company will launch its digital receiver, which will allow current sets to operate with digital signals. The price for these are expected to be up to US\$ 1,700. In November 1998, the month digital broadcasts begin in the US, Panasonic will launch a 32-inch set for US\$ 1,700 and a 36-inch model for US\$ 3,000. Retailers **forecast** that 10,000 **digital** sets will be sold in the US by the end of 1998.

COMPANY: PANASONIC; MATSUSHITA ELECTRIC INDUSTRIAL

PRODUCT: Television Equipment (3651TV);

EVENT: Product Design & Development (33); Commodity & **Service Prices**  
(72); Sales & Consumption (65);

COUNTRY: United States (1USA);

**13/5/31 (Item 5 from file: 583)**

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06654343

BBC unveils digital radio revolution

UK: BBC LAUNCHES DIGITAL RADIO REVOLUTION

Guardian (GN) 10 Jul 1998 p.8

Language: ENGLISH

The British Broadcasting Corporation <BBC> has unveiled the first **digital** radio sets and **forecasts** a revolution for listeners. It promised new news, music and travel services when the first digital radios go on sale by the end of October 1998. BBC director of radio, Mathew Bannister, claims the BBC has developed a hi-fi tuner which will cost the consumer just GBt 200 if 50,000 can be produced annually. The first digital radio's for sale from Clarion, Blaupunkt, Pioneer, Kenwood and Grundig, will initially be for cars and retail from GBt 500 to GBt 1,200. Digital radio offers better sound quality, easier tuning, allows text and video stills to be viewed and has increased capacity to put more stations on to the airwaves.

COMPANY: GRUNDIG; KENWOOD; PIONEER; BLAUPUNKT; CLARION; BRITISH BROADCASTING CORPORATION

PRODUCT: Telephone Communications (4811); Radio & TV Broadcasting (4830);  
EVENT: Product Design & Development (33); Commodity & **Service Prices**  
(72); Product Standards (35);  
COUNTRY: United Kingdom (4UK);

**13/5/32 (Item 6 from file: 583)**

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06645192

k&p to prudent strategy in downturn

HONG KONG: K&P IN PRUDENT CUSTOMER SELECTION  
South China Morning Post (XKT) 18 Jun 1998 p.b3  
Language: ENGLISH

K&P International Holdings, a manufacturer of silicone rubber products, **electronic calculators** and alarm clocks, hopes to lower raw **material costs** by looking for lower **cost** replacement **materials** and negotiating lower **prices** with suppliers in Japan, Taiwan and South Korea. \*

COMPANY: K&P INTL HOLDINGS

PRODUCT: Synthetic Rubbers (2822); Clocks (3870CK); Calculators &  
Accounting Eqp (3574);  
EVENT: Planning & Information (22);  
COUNTRY: Hong Kong (9HON);

**13/5/33 (Item 7 from file: 583)**

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06614512

Dovolno serezhnoe soobshchestvo

RUSSIA: **PRICE** OF INTERNET **SERVICES** NOT TO GROW  
Seti (ESK) 3/Mar 1998 p.97  
Language: RUSSIAN

According to the **forecast** of the Russian **electronic** society Telekom-Forum, **prices** for Internet access **services** are not expected to grow in 1998, despite introduction of per minute charges for standard telephone services in Moscow and St. Petersburg, representing the major part of the Russian market of Internet services. It is likely that Internet providers would even decrease prices for access to the network. They hope that corporate clients (their main customers) would switch to alternative access options, such as ISDN, digital client's lines, exclusive lines and others after per minute charges for telephone services introduced. It is expected that Internet providers would introduce a fixed system of

payments, not more than US\$ 36.6 per month by the end of 1998. At the same time, decrease of the total cost of access is expected to slow down. This would eliminate such categories of population as students, engineers and other representatives of intellectual work (these categories are main Internet users in the West) from the circle of potential Internet users. It may result in stagnation of the market of Internet access through telephone network.

COMPANY: TELEKOM-FORUM; INTERNET

EVENT: Commodity & Service Prices (72); Market & Industry News (60);  
COUNTRY: Russia (6USSRU);

13/5/34 (Item 8 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
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06285231

Digital Forecast Spurs Retreat In Tech Sector  
US: DIGITAL WARNS ON PC SALES  
Wall Street Journal Europe (WSJ) 21 Mar 1996 p.3  
Language: ENGLISH

US computer maker, Digital Equipment, says pressure on prices and lower demand mean that sales of its PCs in the first quarter of 1996 will be no larger than in the first quarter of 1995, a fact which will take the PC division back into loss. The warning has caused a drop in the price of shares in other PC companies, as well as in software providers and chip-makers. Digital's sales are largely focused on the corporate sector and the share price drops have been largest for other companies which concentrate on that market.

COMPANY: DIGITAL EQUIPMENT

PRODUCT: Microcomputers (3573MI);  
EVENT: Sales & Consumption (65);  
COUNTRY: United States (1USA);

13/5/35 (Item 9 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
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04442190

AT&T DEVELOPS REACTIVE POLYMER  
US - AT&T DEVELOPS REACTIVE POLYMER  
Financial Times (C) 1991 (FT) 9 August 1991 p12

AT&T Bell (US): A type of anti-static and anti-corrosive plastic packaging could find a home in applications as diverse as cases for musical instruments or packaging for computer chips. Developed by AT&T's Bell Laboratories in the US, the "reactive polymer" is a mixture of conventional plastics and chemical additives which form chemical bonds. Because the material conducts electricity away from its contents it is ideal for packaging sensitive electronic components. AT&T estimates that the recyclable plastic will cost more than conventional materials but less than plastic, which has to be painted or coated to prevent conductivity or corrosion. The first customer will be AT&T's own microelectronics department and the technology will also be used by Baxter International, of Illinois, for packaging medical equipment. Contact: AT&T, US, 908 771 2826; Baxter Healthcare, US, 805 253 7565. (Abstract) FT 09/08 /91 Page 12  
Copyright: Financial Times Ltd 1991

PRODUCT: Plastic Containers (3074);

EVENT: PRODUCTS, PROCESSES & SERVICES (30);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia  
Treaty Organisation (913);

**13/5/36 (Item 10 from file: 583)**  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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02120254

TEST OF TRANSPORT DOCUMENT EXCHANGE TO BE IN 1989  
EUROPE - TEST OF TRANSPORT DOCUMENT EXCHANGE TO BE IN 1989  
Financial Times (C) 1991 (FT) 15 September 1988 p20

COST-306, is a trial system to provide faster and cheaper methods of exchanging transportation documents, will be run from the beginning of April 1989. COST-306, sponsored and co-ordinated by the European Commission, will involve computerisation of tendering for freight and invoicing. Over 3 years, the 80 European participants have been developing standard formats. Between 3.5% and 7% of shipping costs is accounted for by documentation, rising to 15% if the wrong documentation is sent or there are delays, estimates the EC, which **estimates** that **electronic** data interchange may reduce the **cost** of shipping **goods** by between 3% and 4%. This will also meet demand from manufacturers for just-in-time stock control. Contact: Henk van Maaren, c/o Cetima Consultancy, Oosthavenkade 89, 3134 KA, Vlaardingen, Netherlands.  
Copyright: Financial Times Ltd 1991

PRODUCT: Electronic Data Interchange (4811ED); Value Added Networks (4840VA); Distribution Software (7372DI); CAD/CAM Mechanical Software (COSW);  
EVENT: PLANT/FACILITIES/EQUIPMENT (44);  
COUNTRY: European Community (4EC); United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

**13/5/37 (Item 1 from file: 474)**  
DIALOG(R)File 474:New York Times Abs  
(c) 2003 The New York Times. All rts. reserv.

07647142 NYT Sequence Number: 630926981031  
**B SKY B DIGITAL SALES EXCEED FORECASTS**  
Bloomberg Business News  
New York Times, Col. 2, Pg. 2, Sec. C  
Saturday October 31 1998  
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English  
RECORD TYPE: Abstract

ABSTRACT:

British Sky Broadcasting Group PLC, Europe's number 2 satellite broadcaster, won 100,400 subscribers for its new digital television service in its first month, matching analysts' best forecasts; rising **costs** of setting up **service** cut first-quarter net income to 38 million pounds (\$64 million) from 56 million pounds a year earlier (S)

COMPANY NAMES: British Sky Broadcasting Group PLC  
DESCRIPTORS: Television; Company Reports; Digital and High-Definition Television  
GEOGRAPHIC NAMES: Europe

**13/5/38 (Item 2 from file: 474)**  
DIALOG(R)File 474:New York Times Abs  
(c) 2003 The New York Times. All rts. reserv.

00538908 NYT Sequence Number: 105938741015

**Casio Inc says it is cutting prices for 4 electronic calculator models between \$10 and \$50 (S).)**

New York Times, Col. 4, Pg. 56

Tuesday October 15 1974

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

COMPANY NAMES: CASIO COMPUTER CO

DESCRIPTORS: DATA PROCESSING (INFORMATION PROCESSING) **EQUIPMENT** AND  
SYSTEMS; **PRICES**

**13/5/39 (Item 1 from file: 475)**

DIALOG(R)File 475:Wall Street Journal Abs

(c) 2003 The New York Times. All rts. reserv.

08009849 NYT Sequence Number: 000000990201

**TELECOMMUNICATIONS: HELP! MY DIGITAL CELL PHONE GOES DEAD WHILE I'M**

HARRIS, NICOLE

Wall Street Journal, Col. 3, Pg. 1, Sec. B

Monday February 1 1999

DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

Users of digital cellular phones are finding that spotty service, resulting from half-built networks, is causing loss of signal; the industry says it is doing what it can to improve **service**, but the **cost** of creating an infrastructure to support seamless **digital** coverage is **estimated** at \$5 billion; meanwhile, dual-band phones, which work on both digital and analog networks, represent a short-term solution (M)

DESCRIPTORS: TELEPHONES AND TELECOMMUNICATIONS; CELLULAR TELEPHONES

PERSONAL NAMES: HARRIS, NICOLE

**13/5/40 (Item 2 from file: 475)**

DIALOG(R)File 475:Wall Street Journal Abs

(c) 2003 The New York Times. All rts. reserv.

01120146 NYT Sequence Number: 002131790117

**Prices of some goods and services have been decreasing despite 9% rise in consumer price index in year ended Nov '78. Some little-noticed items, such as food processors, cigarette lighters and tennis balls, as well as some long-distance telephone calls and some air fares, have dropped in price during recent inflationary years. Reasons for lower prices range from loss of novelty and competition to improved technology. Price declines of various products detailed (L).)**

Wall Street Journal, Col. 4, Pg. 1

Wednesday January 17 1979

DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English

RECORD TYPE: Abstract

DESCRIPTORS: WATCHES AND CLOCKS; AIRLINES; **CALCULATORS** ; CIGARETTE  
LIGHTERS; COOKING; **DIGITAL** DISPLAYS; ECONOMIC CONDITIONS AND TRENDS;  
ELECTRIC APPLIANCES AND EQUIPMENT; FARES; FOOD EQUIPMENT, HOUSEHOLD;  
MACHINERY AND **EQUIPMENT** ; **PRICES** ; **PRICES (GENERAL)** ; RATES; SCIENCE  
AND TECHNOLOGY; TELEPHONES; TENNIS; CONSUMER PRICE INDEX; CPI (CONSUMER  
PRICE INDEX)

GEOGRAPHIC NAMES: UNITED STATES

19/5/1 (Item 1 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00113746 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Cost Xpert 2.0 Beta (738492); KnowledgePLAN 3.0 Beta (676527)

**TITLE:** To Err Is Human, To Estimate, Divine  
**AUTHOR:** Gordon, Phillip  
**SOURCE:** Information Week, v717 p65(5) Jan 18, 1999  
**ISSN:** 8750-6874  
**HOME PAGE:** <http://www.informationweek.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Comparison  
**GRADE:** Product Comparison, No Rating

Marotz's Cost Xpert 2.0 beta and Software Productivity Research's KnowledgePLAN 3.0 beta are compared project estimating and planning products. The Software Engineering Institute's Capacity Maturity Model has a five-step process designed to rate the effectiveness of project planning, and the largest number of groups with the highest CMM rating are in India, which is now a world hub for outsourcing of application development. Another important method is the System Development Life Cycle, a set of best practices that allows projects to be dissected into recognizable and repeatable steps, processes, tasks, and results, each of which can be precisely estimated. Cost Xpert, a cost-estimating tool, creates work breakdown structures that can be used in Microsoft Project. It is extensively customizable, and users can compare estimates using several methods. Helpful information about project planning and estimation are provided. KnowledgePLAN 3.0 is an all-purpose project estimation tool with some features for cost estimation, and work breakdowns provided are more particularized than those of Cost Xpert 2.0. It is also highly customizable, with very advanced sizing, including multiple practical variables. Users can begin with resource and time estimates, and create cost estimates. Both tools are recommended for their ability to hasten and **automate estimation** while providing **estimation** training and a structure for understanding the process of making estimates.

**COMPANY NAME:** Marotz Inc (486183); Software Productivity Research Inc (576824)  
**SPECIAL FEATURE:** Charts  
**DESCRIPTORS:** Business Planning; Cost Estimating; IT Management; Program Development; **Project Cost** Estimating; Software **Cost** Estimating  
**REVISION DATE:** 20010130

19/5/2 (Item 1 from file: 2)  
DIALOG(R) File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6866206 INSPEC Abstract Number: C2001-04-7120-063

**Title:** The development of an automated cost estimating system using 3D CAD and relational database

**Author(s):** Young-Suk Kim; Se-Wook Oh; Jung-Ryul Kim; Baek-Joon Sung  
**Author Affiliation:** Dept. of Architectural Eng., Inha Univ., Incheon, South Korea

**Conference Title:** Proceedings of the 17th IAARC/CIB/IEEE/IFR International Symposium on Automation and Robotics in Construction. 17th ISAREC 2000 p.827-33

**Editor(s):** Wang, M.-T.; Chern, J.-C.; Tserng, H.P.; Hsieh, S.-H.; Wu, T.-S.; Wei, Y.

**Publisher:** Nat. Taiwan Univ., Taipei, Taiwan

Publication Date: 2000 Country of Publication: Taiwan 1271 pp.  
ISBN: 957 02 6698 8 Material Identity Number: XX-2000-02185  
Conference Title: Proceedings of IAARC/CIB/IEEE/IFAC/IFR International  
Symposium Automation and Robotics in Construction - ISARC  
Conference Sponsor: Int. Assoc. Autom. & Robotics in Constr. (IAARC);  
Int. Council for Res. & Innovation in Building & Constr. (CIB); et al  
Conference Date: 18-20 Sept. 2000 Conference Location: Taipei, Taiwan  
Medium: Also available on CD-ROM in PDF format  
Language: English Document Type: Conference Paper (PA)  
Treatment: Applications (A); Practical (P)

Abstract: The successful construction of a facility greatly depends on adequate planning, design, and control of the construction process. In an effort to better monitor and control the construction project, the construction industry has been engaged extensively in the development of a new computerized design and management system applying the concept of computer integrated construction (CIC). The CIC is a new trend to improve the efficiency and accuracy of the entire construction process by integrating different types of information within a computer based environment. The primary objective of the paper is to propose a model for the development and implementation of an **automated cost estimating** system using 3D CAD and a relational database under the CIC system environment. The developed system automatically generates the quantities of both elements and work items directly from a 3D CAD object model, and provides the **cost** estimating information including **project** and home office overheads, and profit of the entire construction work. Conclusions are made concerning the value of the effectiveness of the **automated cost estimating** system developed. Finally, it is anticipated that successful implementation of the **automated cost estimating** system presented in the paper would be able to bring a significant improvement of productivity and quality in both design and construction phases, and increase the efficiency of construction management as well. (4 Refs)

Subfile: C

Descriptors: construction industry; costing; project management;  
relational databases

Identifiers: **automated cost estimating** system; 3D CAD; construction project; computerized design and management system; computer integrated construction; computer based environment; object model; cost estimating information; overheads; profit

Class Codes: C7120 (Financial computing); C7440 (Civil and mechanical engineering computing); C6160D (Relational databases)

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19/5/3 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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03495891 INSPEC Abstract Number: C89067968

Title: **An integrated model for automated planning and estimation**

Author(s): Kanabar, V.

Author Affiliation: Winnipeg Univ., Man., Canada

Conference Title: Seventeenth Annual ACM Computer Science Conference  
p.480

Publisher: ACM Press, New York, NY, USA

Publication Date: 1989 Country of Publication: USA xix+491 pp.

ISBN: 0 89791 299 3

Conference Sponsor: ACM

Conference Date: 21-23 Feb. 1989 Conference Location: Louisville, KY,  
USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Planning and estimating work effort for a project is a difficult task. It is also a critical activity as preliminary estimates translate directly into estimated **costs**. To assist with **project** planning and estimation, a strategy integrating a metrics database, a



knowledge base, and procedural systems is described. (0 Refs)

Subfile: C

Descriptors: database management systems; DP management; knowledge based systems; project engineering; project support environments

Identifiers: IPSE; integrated project support environment; integrated model; automated planning; estimation; work effort; costs; project planning ; metrics database; knowledge base; procedural systems

Class Codes: C6115 (Programming support); C6160Z (Other DBMS); C6170 (Expert systems); C0310F (Software development management); C7100 (Business and administration)

19/5/4 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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03372349 INSPEC Abstract Number: C89034092

**Title: Integrating expert judgment into conceptual estimating**

Author(s): Ashley, D.B.; Serpell Bley, A.F.; Tan, C.H.

Author Affiliation: Texas Univ., Austin, TX, USA

Conference Title: Proceedings of the 20th Annual Seminar/Symposium - Project Management Institute. Gate to the Future p.24-30

Publisher: Project Manage. Inst, Drexel Hill, PA, USA

Publication Date: 1988 Country of Publication: USA xxx+743 pp.

Conference Date: 17-21 Sept. 1988 Conference Location: San Francisco, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: An expert estimator can compensate for incomplete scope definition, as well as, varying quality of information used in pricing. The paper presents two sequential efforts directed toward capturing and integrating this human expertise into a **computerized conceptual estimating** system. Knowledge-based expert systems (KBES) provide the principle new tool for accomplishing this integration. The first stage research effort successfully incorporated expert reasoning in the assessment and allocation of project contingency. This is an important step in improving the ability of estimators to explicitly consider project scope uncertainties and information quality. This initial effort helped focus further research toward the dual goals of improved estimate accuracy and associated reliability assessments. These goals are further broken down into their respective hierarchies of causal factors. Knowledge acquisition to support reasoning about accuracy and reliability levels follows this same hierarchical structure. (17 Refs)

Subfile: C

Descriptors: expert systems; forecasting theory; project engineering; reliability

Identifiers: **project cost** forecasting; incomplete scope definition; **computerized conceptual estimating** system; expert reasoning; project contingency; information quality; estimate accuracy; reliability assessments

Class Codes: C7100 (Business and administration)

19/5/5 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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03129417 INSPEC Abstract Number: C88026794

**Title: A cost model for estimating the cost of developing software in the Ada programming language**

Author(s): Kane, P.T.; Leuci, N.D.; Reifer, D.J.

Author Affiliation: Reifer Consultants Inc., Torrance, CA, USA

Conference Title: Proceedings of the Twenty-First Annual Hawaii International Conference on System Sciences. Vol.II. Software Track (Cat. No.88TH0212-1) p.782-90

Editor(s): Shriver, B.D.  
Publisher: IEEE Comput. Soc. Press, Washington, DC, USA  
Publication Date: 1988 Country of Publication: USA xvi+806 pp.  
ISBN: 0 8186 0842 0  
U.S. Copyright Clearance Center Code: TH0212-1/88/0000-0782\$01.00  
Conference Sponsor: Univ. Hawaii; ACM; IEEE; Pacific Res. Inst. Inf. Syst. & Manage  
Conference Date: 5-8 Jan. 1988 Conference Location: Kailua-Kona, HI, USA

Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)

Abstract: The results of a one-year study to determine the impact of Ada on software costs, productivity, and quality are presented. A description is given of the statistical analysis and validation of the forty-one completed **projects** in the Ada **costs** database in the areas of cost, distribution of effort, error rates, productivity, and reuse potential. Also described are the development and validation of the mathematical model, the power laws formulated as a result of these activities, the development of the model into an **automated cost-estimation** package, and experiences with the cost-estimation package. (15 Refs)

Subfile: C

Descriptors: Ada; DP management; financial data processing; software packages; statistical analysis; systems analysis

Identifiers: RCI; software quality; Soft Cost-Ada package; cost model; Ada programming language; software costs; productivity; statistical analysis; validation; Ada costs database; effort; error rates; reuse potential; mathematical model; power laws; **automated cost-estimation** package

Class Codes: C0310F (Software development management); C6140D (High level languages); C7120 (Finance)

19/5/6 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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03044458 INSPEC Abstract Number: D88000415

Title: **MBC Construction takes on** computerised estimating

Author(s): Morris, J.

Journal: Construction Computing no.19 p.21

Publication Date: Nov. 1987 Country of Publication: UK

CODEN: CNSCEB ISSN: 0264-6854

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G); Practical (P)

Abstract: MBC Construction Ltd., a medium-sized building company, was looking for a package that would give all the advantages of computerisation while remaining flexible enough to fit in with existing procedures. They chose the DBS Estimating System. They found the system straightforward and easy to use. Since then, MBC has found great benefit in **computerised estimating**. The number of tenders they are able to process has increased and the whole department runs more smoothly, having all work done on the same basis. Networking enabled MBC to take advantage of a recent breakthrough in estimating software, the new DBS Resource Re-Allocation Program and **Job Cost** Ledger Link File. The Resource Re-Allocation package allows any piece of information from the original estimate to be re-allocated under any heading required. (0 Refs)

Subfile: D

Descriptors: construction industry

Identifiers: networking; MBC Construction; **computerised estimating**; medium-sized building company; DBS Estimating System; DBS Resource Re-Allocation Program; **Job Cost** Ledger Link File

Class Codes: D2115 (Property market and building industry)

19/5/7 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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02639809 INSPEC Abstract Number: A86048919

**Title:** Computerized **cost** estimation **spreadsheet** and **cost data base** for **fusion devices**

Author(s): Hamilton, W.R.; Rothe, K.E.

Author Affiliation: Fusion Eng. Design Center, Oak Ridge Nat. Lab., TN, USA

Journal: Fusion Technology vol.8, no.1, pt.2A p.356-61

Publication Date: July 1985 Country of Publication: USA

CODEN: FUSTE8 ISSN: 0272-3921

Conference Title: Proceedings of the Sixth Topical Meeting on the Technology of Fusion Energy

Conference Sponsor: ANS; Univ. California; USDOE; EPRI; et al

Conference Date: 3-7 March 1985 Conference Location: San Francisco, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Economic aspects (E); Practical (P)

Abstract: An important facet of developing engineering design concepts is the ability to promptly and accurately **project** the total constructed **cost** of a given device concept, since these cost projections are important factors for future decisions on project scope. In order to provide a credible and consistent means for projecting the total constructed cost of a given device or reactor concept, an automated approach to performing and cataloging cost estimates has been developed at the Fusion Engineering Design Center (FEDC), wherein the cost estimate record is stored in the LOTUS 1-2-3 spreadsheet on an IMB personal computer. The authors describe the assumptions, definitions, methodology, and architecture incorporated in the development of the cost estimation spreadsheet and cost data base, along with the type of input required and the output format. (3 Refs)

Subfile: A

Descriptors: economics; fusion reactor theory and design; nuclear engineering

Identifiers: cost estimation spreadsheet; cost data base; fusion devices; engineering design concepts; total constructed cost; Fusion Engineering Design Center; cost estimate; LOTUS 1-2-3 spreadsheet

Class Codes: A2852J (Theory and design)

19/5/8 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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02417374 INSPEC Abstract Number: D85000849

**Title:** The **electronic spreadsheet:** a **simplified approach** to **computer-assisted construction estimating**

Author(s): Rounds, J.L.

Author Affiliation: Iowa State Univ., Ames, IA, USA

Journal: Cost Engineering vol.26, no.6 p.18-20

Publication Date: Dec. 1984 Country of Publication: USA

CODEN: CSTEDM ISSN: 0274-9696

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The computer has long been recognized as having great potential in the area of estimating **construction costs**. Use of the personal computer combined with an electronic spreadsheet allows smaller construction firm employees, with little or no prior computer experience, to use **computerised estimating** to their advantage. An electronic spreadsheet is simply a matrix of cells identified by column and row. Three types of information can be placed in a cell: literal information used for labels, titles, etc., numeric information and formulas. The construction estimator uses a spreadsheet format for practically all calculations

including recap sheet, pricing and quantity survey. (0 Refs)

Subfile: D

Descriptors: construction industry; spreadsheet programs

Identifiers: electronic spreadsheet; **construction costs**; personal computer; **computerised estimating**; literal information; titles; numeric information; formulas; recap sheet; pricing; quantity survey

Class Codes: D2010 (Business and professional); D2050 (Financial applications); D2070 (Industrial and manufacturing); D2115 (Property market and building industry)

19/5/9 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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01698829 INSPEC Abstract Number: C81020635

**Title: Calculations involving complex quantities on the programmable pocket calculator**

Author(s): Buse, G.

Author Affiliation: Stadtische Werke AG, Kassel, West Germany

Journal: Elektrizitaetswirtschaft vol.80, no.6 p.180-4

Publication Date: 16 March 1981 Country of Publication: West Germany

CODEN: EKZWAZ ISSN: 0013-5496

Language: German Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: The time of the slide-rule must now at last be past. Miniature calculators which can deal with the four basic calculation procedures are now obtainable at low **prices**. **Constructional** sets are already on offer for less than 20 Deutschmarks. The engineer will have to take the trouble to solve his problems with small calculators which, it is true, are somewhat more expensive, but he should be willing to utilise what science has placed at this disposal. In addition, the engineer must in any case gain knowledge for handling large calculation installations. (0 Refs)

Subfile: C

Descriptors: **electronic calculators**

Identifiers: programmable pocket calculator; **electronic calculators**

Class Codes: C5420 (Mainframes and minicomputers)

19/5/10 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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01303908 INSPEC Abstract Number: B79010959

**Title: Fixed angle and seasonably adjustable structural support concepts for solar converters**

Author(s): Masser, P.S.; Keeling, M.C.; Lesk, I.A.

Author Affiliation: Motorola Inc., Semiconductor Group, Phoenix, AZ, USA

Conference Title: Thirteenth IEEE Photovoltaic Specialists Conference-1978 p.1084-9

Publisher: IEEE, New York, NY, USA

Publication Date: 1978 Country of Publication: USA 1346 pp.

Conference Sponsor: IEEE

Conference Date: 5-8 June 1978 Conference Location: Washington, DC, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Motorola has evaluated a number of solar array structural support types for the next generation of solar modules, and surveyed currently available units to determine the most cost effective approaches. These structural support concepts include residential, intermediate, and large scale arrays, but are limited to fixed angle and seasonal adjustment capability. A configuration study was conducted in which possible panel and support structures were morphologically categorized. The resulting combinations were used to select the following support concepts: truss,

frame, gunite, concrete slab, inflatable, treated plywood, direct attachment to (or integral part of) a structure. **Computerized** parametric cost **estimated** are presented for the truss and frame. **Construction cost** tables were used to estimate costs (or savings) for the other concepts. The designs reflect particular needs of solar devices (e.g. periodic cleaning, and sub-array replacement). One interesting large area concept (particularly suitable in the Southwest) is combining array supports with high tension power line supports and/or array placement on adjacent right of way. (1 Refs)

Subfile: A B

Descriptors: solar cell arrays; solar power; supports

Identifiers: solar converters; solar array structural support types; solar modules; fixed angle; seasonal adjustment capability; **computerised parametric cost estimates ; construction costs**

Class Codes: A8630J (Photoelectric conversion; solar cells and arrays); B8250 (Solar power stations and photovoltaic power systems); B8420 (Solar cells and arrays)

19/5/11 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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00907209 INSPEC Abstract Number: B76019528

**Title: New directions in automated spacecraft cost estimation**

Author(s): Pekar, P.P., Jr.; Friedlander, A.L.; Roberts, D.L.

Author Affiliation: Estech. Inc., Chicago, IL, USA

Journal: Journal of Spacecraft and Rockets vol.12, no.8 p.458-64

Publication Date: Aug. 1975 Country of Publication: USA

CODEN: JSCRAG ISSN: 0022-4650

Language: English Document Type: Journal Paper (JP)

Treatment: Economic aspects (E)

Abstract: Presents a financial analysis and cost modeling results obtained from examining eight unmanned lunar and planetary spacecraft programs. The paper differs from the popular method of estimating total **project costs** by forecasting dollars, and comes to the conclusion that cost forecasting can be improved by selecting manhours as the basic cost unit. To develop this theme, the authors analyzed nearly 5000 spacecraft cost elements spread across 327 prime and subcontracts. A nonrecurring and recurring cost model was then constructed. The results of this research along with comparative cost forecasts are reported. (10 Refs)

Subfile: A B

Descriptors: economics; space vehicles

Identifiers: automated spacecraft; cost estimation; financial analysis; unmanned lunar spacecraft program

Class Codes: A9480 (Instrumentation and techniques for aeronomy and cosmic ray studies); B0140B (Planning); B7610 (General aspects of space vehicles and satellites)

19/5/12 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01690404 ORDER NO: AAD99-18822

**A QUANTITATIVE MODEL FOR PREDICTING THE ACCURACY OF EARLY COST ESTIMATES FOR CONSTRUCTION PROJECTS IN THE PROCESS INDUSTRY**

Author: TROST, STEVEN MICHAEL

Degree: PH.D.

Year: 1998

Corporate Source/Institution: OKLAHOMA STATE UNIVERSITY (0664)

Adviser: GAROLD D. OBERLENDER

Source: VOLUME 60/02-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 755. 345 PAGES

Descriptors: ENGINEERING, CIVIL ; ENGINEERING, PETROLEUM ; ECONOMICS,

*Purpose and objectives*. The importance of accurate estimates during the early stages of capital projects has been widely recognized for many years. Early project estimates represent a key ingredient in business unit decisions and often become the basis for a project's ultimate finding. However, a stark contrast arises when comparing the importance of early estimates with the amount of information typically available during the preparation of an early estimate. Such limited scope definition often leads to questionable estimate accuracy. Even so, very few quantitative methods are available that enable estimators and business managers to objectively evaluate the accuracy of early estimates. The primary objective of this study was to establish such a model. To accomplish this objective, quantitative data were collected from completed construction projects in the process industry.

*Methods of analysis*. Each of the respondents was asked to assign a one-to-five rating for each of forty-five potential drivers of estimate accuracy for a given estimate. The data were analyzed using factor analysis and regression analysis. The factor analysis was used to group the forty-five elements into eleven orthogonal factors. Regression analysis was performed on the eleven factors to determine a suitable model for predicting estimate accuracy. The resulting model, known as the Estimate Score procedure, allows the project team to score an estimate and then predict its accuracy based on the Estimate Score. In addition, a computer software tool, the Estimate Score Program, or ESP, was developed to **automate** the **Estimate** Score procedure.

*Findings and conclusions*. The regression analysis identified five of the eleven factors that were significant at the  $\alpha$ ; = 10% level. The five factors, in order of significance, were *basic process design, team experience and cost information, time allowed to prepare the estimate, site requirements* and *bidding and labor climate*. These five factors represent twenty-three of the forty-five elements and together account for almost seventy-six percent of the Estimate Score.

19/5/13 (Item 2 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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01469750 ORDER NO: AADAA-I9606226

**HYPER AUTOMATED ESTIMATING SUPPORT SYSTEM (CONSTRUCTION)**

Author: ALNAJJAR, AHMAD

Degree: PH.D.

Year: 1995

Corporate Source/Institution: ILLINOIS INSTITUTE OF TECHNOLOGY (0091)

Adviser: DAVID ARDITI

Source: VOLUME 56/11-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 6266. 461 PAGES

Descriptors: ENGINEERING, CIVIL

Descriptor Codes: 0543

Construction engineering and management is a field that requires knowledge of the engineering analysis, or design as well as a technical understanding of the work that is done on the project sites. Since 1950, this field has been witnessing computer applications in a variety of its aspects, such as planning, scheduling and estimating. Construction estimating blends engineering analysis and management concepts.

Estimating **construction costs** represent the **cost** and the guidelines that will be followed by the contractor throughout the entire construction period of a project from day one to key submittal. A "good take off" is a combination of quantities take off and specification take off. A "good take off" means a good estimate. Also, the development of such an estimate is the basis for bid submittal which will aid the contractor in

achieving a substantial profit.

Estimators have plenty of cost estimating programs to assist them in the take off and estimating process, but they lack a tool that can help them expand this process to a more detailed linking mechanism, enabling them to make more informed decisions. They are in need of an environment that will help them to combine the two phases of the take off process (quantities and specifications) to generate a good estimate. Therefore, a cost estimating support tool is needed that will enable the user to (1) eliminate the inconsistency between drawings and specifications, (2) minimize errors (missing items), and (3) achieve profitable and reliable results.

Hyper Systems are a powerful new way of organizing and accessing information that could affect all forms of computer and database use. Hyper System offers highly effective fundamental changes in the way that data is stored and retrieved. To the extent that Hyper System emphasizes the relationship between concepts in a subject domain, it may make a subject easier to learn, grasp and manipulate. It provides the capability to represent different planes of information, as well as three dimensional graphics.

Since this dissertation will discuss the future prospects for Hyper System business applications such as cost estimating, cost control and the preparation of specification and bill of quantities for small projects (which may be of interest to an individual as well as the construction industry) the task is to provide a structure of linked elements through which a user can navigate and interact. The intent is to build a structure of linked elements which will make the process of cost estimating more enjoyable, clearer, easier and most importantly, informative, effective and educational as well.

It is important and fundamental to mention here that the objective of this Hyper System is to support building oriented cost estimating. However, the goal is not to depict thousands of numbers, tables and data. Estimating in this manner can be easily accomplished by using handbooks and software available on the market. Keeping that in mind, the reader or user of this Hyper software should expect to embark on a journey consisting of graphics, text, buttons and perhaps an audio feature to be added in the future. (Abstract shortened by UMI.)

19/5/14 (Item 3 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01454381 ORDER NO: AADAA-I9602456

**A LIFE-CYCLE COST ANALYSIS FOR THE CREATION, STORAGE, AND DISSEMINATION OF A DIGITIZED DOCUMENT COLLECTION**

Author: LEMBERG, WILLIAM RICHARD

Degree: D.L.I.S.

Year: 1995

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, BERKELEY (0028)

Chair: MICHAEL K. BUCKLAND

Source: VOLUME 56/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3357. 255 PAGES

Descriptors: LIBRARY SCIENCE ; INFORMATION SCIENCE

Descriptor Codes: 0399; 0723

Traditional paper-based document collections in libraries have been affected by substantial costs related to increasing publication output coupled with decreasing levels of funding for the maintenance of these collections. Many libraries, in response to this problem, have initiated projects to electronically scan and store portions of their paper-based document collections as digitized documents, available for retrieval through computer networks. While cost studies accompanying some of these projects indicate a significant cost advantage for a digitized document format over a paper-based document format, these projects are limited to collections of a single library or group of libraries and indicate little

cost information which can be used to decide whether to digitize paper-based documents on a national scale. Employing life cycle cost analysis, this study illustrated that for given document selection criteria, the net present value cost of **digitizing** the **estimated** national collection of monographic documents was far less than the net present value cost of maintaining the same documents in a paper-based format.

Using a sample of document records and their corresponding library locations drawn from national bibliographic databases, estimates were made for the size and physical characteristics of the monographic document population in U. S. academic and public libraries, as well as the population proportion of unique documents to duplicate documents in the collections of these libraries. Two document selection criteria were used to divide the sample of unique documents into ranked document sets: the speed of document processing (which included values relating to the physical size, the number of pages and the presence or absence of illustrations for each document) and the projected future demand for documents (which included values relating to the number of locations, the age and the language of publication for each document). Estimates were made of the size of each document set relative to the estimated document population, the corresponding proportion of unique documents to duplicate documents for each document set relative to the estimated document population and the distribution of projected future demand for each document set relative to the estimated projected future demand for documents within the estimated document population. Relevant cost variables were used to model the life-cycle costs for both the selection, production, storage and accession of the **estimated** document population as **digitized** documents and the storage and accession of the estimated document population as paper-based documents. Total net present value cost throughout the assumed life-cycle of the model was used for comparing the cost of various percentile combinations of document sets in digitized format and paper-based format with the cost of maintaining all document sets in paper-based format.

This comparison produced steadily decreasing net present value cost totals for various percentile combinations of digitized document sets and paper-based document sets as greater numbers of paper-based document sets were digitized. Sensitivity analysis of the model, using increasing values for major model variables, produced no significant change in this result, indicating that very large net present value cost savings can be attained if a digitization project on a national scale is undertaken by academic and public libraries.

19/5/15 (Item 4 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01381140 ORDER NO: AAD13-55309

**COMPUTERIZED CONCEPTUAL-COST- ESTIMATING SYSTEM FOR DOMESTIC WATER SUPPLY PROJECTS**

Author: AL-ASFOOR, MASHHOOR DAWOOD HAMZA

Degree: M.S.

Year: 1993

Corporate Source/Institution: KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS (SAUDI ARABIA) (1088)

Source: VOLUME 32/06 of MASTERS ABSTRACTS.

PAGE 1677. 206 PAGES

Descriptors: ENGINEERING, CIVIL; ENGINEERING, INDUSTRIAL

Descriptor Codes: 0543; 0546

This thesis presents a structured and systematic procedure for the implementation of a **Computerized Conceptual Cost Estimating System** (CCES) for Domestic Water Supply Projects. CCES has been designed to produce cost estimates at the conceptual stage when only a little information is available about the project.



The research began with the identification of the factors influencing the costs of pipeline, reservoir, and pumping station **projects**. Next, historical **cost** data of commissioned **projects** were gathered from tender documents and subsequent regression analysis was carried out. The regression analysis was computer-based which facilitated a "what-if" analysis during the model creation course and helped examine the adequacy of the cost factors. The adequacies of the cost models were checked and found to comply with the standards of the American Society of Cost Engineers. The cost models were integrated into a user-friendly application software. (Abstract shortened by UMI.)

19/5/16 (Item 5 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01331667 ORDER NO: AAD13-53823  
**A STUDY OF AUTOMATED ESTIMATING OF SOFTWARE COST**  
Author: WANG, STEVEN SHOULI  
Degree: M.S.  
Year: 1993  
Corporate Source/Institution: WESTERN MICHIGAN UNIVERSITY (0257)  
ADVISER: DIONYSIOS KOUNTANIS  
Source: VOLUME 32/01 of MASTERS ABSTRACTS.  
PAGE 284. 152 PAGES  
Descriptors: COMPUTER SCIENCE; ARTIFICIAL INTELLIGENCE  
Descriptor Codes: 0984; 0800

The objectives of this thesis are to survey software cost estimation methods and to discuss how the methods can be applied as conceptual knowledge in a software cost estimation expert database system. The various applications of expert database systems are discussed. Consequently, a new method to approach the software cost estimation has been proposed.

This proposed method is based upon a dozen years of analyzing software cost models which have been done by some dedicated scientists in universities, research organizations, and industry. A CASE tool called IASCE has been designed to assist the project manager to estimate a proposed **project cost**. This tool collects accurate data from current software industry so that researchers may explore new software models and metrics. IASCE offers a mechanism for long range improvements of software cost estimation. The IASCE system is discussed and explained.

19/5/17 (Item 6 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01239948 ORDER NO: AAD92-26951  
**AUTOMATED INTERACTIVE COST ESTIMATING SYSTEM FOR REINFORCED CONCRETE BUILDING STRUCTURES (COST ESTIMATION)**  
Author: LEE, HYUN-SOO  
Degree: PH.D.  
Year: 1992  
Corporate Source/Institution: THE UNIVERSITY OF MICHIGAN (0127)  
Co-chairpersons: ROBERT I. CARR; PHOTIOS G. IOANNOU  
Source: VOLUME 53/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2447. 232 PAGES  
Descriptors: ENGINEERING, CIVIL; ARCHITECTURE; BUSINESS ADMINISTRATION, ACCOUNTING  
Descriptor Codes: 0543; 0729; 0272

Architectural and engineering decisions among design alternatives at all stages of design should be based on accurate cost information. Currently, numerous cost estimating systems are available in the construction industry, but none of these enable the architectural engineer

to check the detailed **construction cost** during the design process. This research develops a cost estimating model that provides detailed cost information on design alternatives at all stages of design. The model, called the **Automated Interactive Cost Estimating System (AICES)**, is implemented for reinforced concrete building structures. AICES gives the users access to reinforced concrete cost information that is sensitive to variations in architectural and engineering design, allowing them to make intelligent design decisions.

The core of AICES is automated design and detailed cost estimating of prototype structures based on input from more general design. Design is developed through a hierarchical design modification process at schematic, preliminary, and detailed design levels. Design input at each level produces a usable detailed reinforced concrete structural design that is itself input to **automated detailed estimating**. This provides accurate, realistic detailed estimates of costs for alternative values of design variables.

AICES is composed of databases, a knowledge base, and application programs to support design modification and perform detailed cost estimating. The databases consist of a project-independent database containing the generic information, and a project-dependent database storing the specific information for a project. The databases are linked by key items to provide default detailed designs and perform detailed cost estimating. The knowledge base consists of rules that represent construction knowledge to guide the user in selecting a suitable construction method. The implementation programs are coded in a relational database software and a rule-based expert system package.

This research contributes to the integration of design and **construction** by linking the **cost** estimating process to the design process. It also contributes to the development of a design and cost estimating system by establishing a project database in which the design and estimating data are efficiently retrieved and used.

**19/5/18 (Item 1 from file: 65)**

DIALOG(R) File 65:Inside Conferences

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01712907 INSIDE CONFERENCE ITEM ID: CN017451097

**Approach to Automated Construction Cost Estimating**

Williamson, R. S.

CONFERENCE: International Association for Bridge and Structural Engineering -Workshop

IABSE REPORTS, 1983; VOL 40 P: 57-70

The Association, 1983

ISSN: NONE-0493 ISBN: 3857480386

LANGUAGE: English DOCUMENT TYPE: Conference Papers

CONFERENCE SPONSOR: International Association for Bridge and Structural Engineering Istituto Sperimentale Modelli e Strutture

CONFERENCE LOCATION: Bergamo, Italy 1982 (198200) (198200)

BRITISH LIBRARY ITEM LOCATION: 4358.650000

DESCRIPTORS: bridge engineering; structural engineering; IABSE

**19/5/19 (Item 1 from file: 99)**

DIALOG(R) File 99:Wilson Appl. Sci & Tech Abs

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1249281 H.W. WILSON RECORD NUMBER: BAST95045034

**The dollars are in the details**

AUGMENTED TITLE: estimating hints for the "average" job shop

Beyer, Chuck;

Modern Machine Shop v. 68 (July '95) p. 102-8

DOCUMENT TYPE: Feature Article ISSN: 0026-8003 LANGUAGE: English

RECORD STATUS: New record

ABSTRACT: Hints to help manufacturers make more accurate and more timely estimates of **job costs** are provided. Today, estimates need to be timely and competitive, while offering reasonable profits. **Computerized estimating** provides a variety of fine solutions, but unless ingrained estimator "instincts" change, companies will fail to realize the full benefits. Regardless of whether or not estimators use computers in their work, a few hints can enhance quoting accuracy and competitiveness. These hints relate to identifying critical factors for each job, using averages with discretion, realizing that not all averages are created equal, and using charts and graphs to clarify the process.

DESCRIPTORS: Job shops--Management; Estimates; Business software;

19/5/20 (Item 2 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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0960222 H.W. WILSON RECORD NUMBER: BAST91024520

**Computer solutions: better estimating with computerized job cost data**

Coulter, Carleton 3rd;  
Highway & Heavy Construction v. 134 (Apr. '91) p. 15  
DOCUMENT TYPE: Feature Article ISSN: 0362-0506 LANGUAGE: English  
RECORD STATUS: New record

DESCRIPTORS: Building--Estimates; Construction databases;

19/5/21 (Item 1 from file: 583)  
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09376555  
Bund will Beschaffung ins Internet verlegen  
AUSTRIA: GOVERNMENT STARTS E- **PROCUREMENT PROJECT**  
Der Standard (XGO) 29 Sep 2000 p.32  
Language: GERMAN

The Austrian government invited tenders for an internet-based procurement system for the federal administration. Defence and construction projects are excluded from the e- **procurement project**. According to an **estimate** by Andersen Consulting, **electronic** procurement procedures in the federal government could yield savings of up to 5%, or Sch 30bn per year.

COMPANY: ANDERSEN CONSULTING

PRODUCT: Government (9000); Database Vendors (7375);  
EVENT: General Management Services (26); Production Management (23); Use of Materials & Supplies (46); Capital Expenditure (43);  
COUNTRY: Austria (5AUT);

19/5/22 (Item 2 from file: 583)  
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06388219  
MIC to establish electronic library  
SOUTH KOREA: ELECTRONIC LIBRARY ON THE INTERNET  
The Korea Herald (XBF) 01 Nov 1996 P.8  
Language: ENGLISH

In South Korea, the National Assembly Library, the Ministry of Information

and Communication, the Korea Institute of Science and Technology library, the National Computerisation Agency and three other government-owned firms will put an electronic library on the Internet by July 1997. The **electronic library project is estimated to cost** WON 1.2 bn. \*

COMPANY: INTERNET

PRODUCT: Wide Area Network Equipment (3661WN); Computers & Auxiliary Equip (3573); Databases (7375DA);  
EVENT: Government Domestic Functions (97);  
COUNTRY: South Korea (9SOK);

**19/5/23 (Item 3 from file: 583)**  
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06268223  
LG to invest \$500m in RI  
INDONESIA: KOREAN ELECTRONIC & HOME APPLIANCES  
Jakarta Post (XAK) 07 Feb 1996 P.9  
Language: ENGLISH

LG Electronic Co of South Korea will set up a fully owned subsidiary in Indonesia to manufacture monitors, video cassette recorders and electronic components in Indonesia. The new company, namely LG Electronic Display Devices Indonesia will be fully owned by LG **Electronic**. The **project is estimated to cost** US\$ 430 mn.

COMPANY: LG ELECTRONIC

PRODUCT: Electronic Displays (3679DP); Video Equipment (3651VE);  
Electrical & Electronic Equip (3600);  
EVENT: Capital Expenditure (43); Plant & Equipment Sales (66);  
COUNTRY: Indonesia (9INO); South Korea (9SOK);

**19/5/24 (Item 4 from file: 583)**  
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06100039  
V sleduyuchem godu nachnyotsa modernizatsiya seti pochtovykh uslug  
LATVIA: MAIL COMPANY TO BE COMPUTERISED  
Diena (ZEK) 19 Dec 1994 p.1,10  
Language: RUSSIAN

Latvia's state mail company Latvijas Pasts will be reorganised into a holding company in 1995. Currently, the company is negotiating with the US companies IBM and RG Data and the French Bull as to receiving the most favourable **computerisation** project. Latvijas Pasts **estimates** the need for computers at 700 units to computerise the total mail delivery and other mail services system in Latvia. The **cost** of the **project** is estimated at US\$ 10mn. Under the future contract, Latvijas Pasts will be obligated to settle the US\$ 10mn credit in 5 years after the delivery of all the computers.

COMPANY: BULL; RG DATA; IBM; LATVIJAS PASTS

PRODUCT: Banking Institutions (6010); Mail & Express Services (4310);  
Computers & Auxiliary Equip (3573);  
EVENT: General Management Services (26); Planning & Information (22);  
Capital Expenditure (43); Use of Materials & Supplies (46);  
COUNTRY: France (4FRA); USSR (6USS); United States (1USA);

19/5/25 (Item 5 from file: 583)  
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05953316  
Electronics firms make a threesome  
CHINA: CEC, TEC, ROC'S INVENTA FORM JOINT CO  
The China Post (XKV) 25 Feb 1994 p.13  
Language: ENGLISH

According to the source, CEC, a state-run electronics maker in China, is scheduled to sign an agreement with Taiwan's Inventa Electronics Co. Limited and Japan-based TEC on Feb. 26 to jointly form a electronic cash register firm headquartered in Beijing, with a production factory in Malaysia's Penang. The joint **project** will **cost** a total of USD 8 mn. China's CEC will hold 40% of the joint firm's stake, while TEC and Inventa's Malaysia subsidiary each will take 30% share. The Japanese firm will also provide production technology in the deal. The cash register company in Beijing is expected to eventually account for 30-50% of the demand of cash registers in the mainland market. CEC is currently the top supplier of video cassette recorders and ICs, while Inventa specialises in the production of fax machines, **calculators**, **electronic** dictionaries, telephones and personal computers, and had registered a turnover of USD 400 mn in 1993, sources said.

COMPANY: TEC; INVENTA ELECTRONICS; CEC

PRODUCT: Computers & Auxiliary Equip (3573); Electrical & Electronic Equip (3600);  
EVENT: Company Formation (14); Capital Expenditure (43);  
COUNTRY: Japan (9JPN); Taiwan (9TAI); China (9CHN);

19/5/26 (Item 6 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
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01868274  
REVIEW OF LIGHTSAT  
US - REVIEW OF LIGHTSAT  
Defense Electronics (DFE) 0 May 1988 p64

A 6-page article reviews Lightsat, the lightweight satellites being developed by the Defence Advanced Research Projects Agency. Ball Aerospace Systems, Fairchild Space, Ford Aerospace and Communications and Hughes Aircraft are amongst the many potential contractors for Lightsat. The total **cost** of the **project** has been **estimated** by the **Electronic** Industries Association to be roughly USD1rlbn over the next five years.

PRODUCT: Military Satellites (3761MM); Helicopter Engines (DEAV);  
EVENT: MARKET & INDUSTRY NEWS (60);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia Treaty Organisation (913);

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 File 275:Gale Group Computer DB(TM) 1983-2003/Dec 10  
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 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Dec 11  
     (c) 2003 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 10  
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 File 634:San Jose Mercury Jun 1985-2003/Dec 10  
     (c) 2003 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc  
 File 47:Gale Group Magazine DB(TM) 1959-2003/Dec 10  
     (c) 2003 The Gale group  
 File 635:Business Dateline(R) 1985-2003/Dec 09  
     (c) 2003 ProQuest Info&Learning  
 File 570:Gale Group MARS(R) 1984-2003/Dec 11  
     (c) 2003 The Gale Group  
 File 477:Irish Times 1999-2003/Dec 10  
     (c) 2003 Irish Times  
 File 710:Times/Sun.Times(London) Jun 1988-2003/Dec 10  
     (c) 2003 Times Newspapers  
 File 711:Independent(London) Sep 1988-2003/Dec 10  
     (c) 2003 Newspaper Publ. PLC  
 File 756:Daily/Sunday Telegraph 2000-2003/Dec 11  
     (c) 2003 Telegraph Group  
 File 757:Mirror Publications/Independent Newspapers 2000-2003/Dec 11  
     (c) 2003  
 File 387:The Denver Post 1994-2003/Dec 10  
     (c) 2003 Denver Post  
 File 471:New York Times Fulltext 90-Day 2003/Dec 10  
     (c) 2003 The New York Times  
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
     (c) 2002 Phoenix Newspapers  
 File 494:St LouisPost-Dispatch 1988-2003/Dec 08  
     (c) 2003 St Louis Post-Dispatch  
 File 498:Detroit Free Press 1987-2003/Dec 09  
     (c) 2003 Detroit Free Press Inc.  
 File 631:Boston Globe 1980-2003/Dec 10  
     (c) 2003 Boston Globe  
 File 633:Phil.Inquirer 1983-2003/Dec 09  
     (c) 2003 Philadelphia Newspapers Inc  
 File 638:Newsday/New York Newsday 1987-2003/Dec 09

(c) 2003 Newsday Inc.  
 File 640:San Francisco Chronicle 1988-2003/Dec 11  
 (c) 2003 Chronicle Publ. Co.  
 File 641:Rocky Mountain News Jun 1989-2003/Dec 05  
 (c) 2003 Scripps Howard News  
 File 702:Miami Herald 1983-2003/Dec 10  
 (c) 2003 The Miami Herald Publishing Co.  
 File 703:USA Today 1989-2003/Dec 10  
 (c) 2003 USA Today  
 File 704:(Portland)The Oregonian 1989-2003/Dec 09  
 (c) 2003 The Oregonian  
 File 713:Atlanta J/Const. 1989-2003/Dec 11  
 (c) 2003 Atlanta Newspapers  
 File 714:(Baltimore) The Sun 1990-2003/Dec 10  
 (c) 2003 Baltimore Sun  
 File 715:Christian Sci.Mon. 1989-2003/Dec 11  
 (c) 2003 Christian Science Monitor  
 File 725:(Cleveland)Plain Dealer Aug 1991-2003/Dec 09  
 (c) 2003 The Plain Dealer  
 File 735:St. Petersburg Times 1989- 2003/Dec 07  
 (c) 2003 St. Petersburg Times

?ds

Set	Items	Description
S1	1938503	(GOODS OR SERVICE? ? OR SUPPLIES OR RESOURCE? OR MATERIAL - OR MATERIALS OR EQUIPMENT?) (3N) (COST OR COSTS OR PROCUR? OR EXPENSE? ? OR PRICE OR PRICES)
S2	670858	(JOB OR JOBS OR CONSTRUCTION? OR PROJECT? ?) (3N) (COST OR COSTS OR PROCUR? OR EXPENSE? ? OR PRICE OR PRICES)
S3	50559	(AUTOMATE? OR COMPUTERI? OR ELECTRONIC? OR DIGITI? OR DIGITAL?) (3N) (ESTIMAT? OR FORECAST? OR CALCULAT?)
S4	4242	(BUILDING OR CONSTRUCTION) ( ) (CODE? OR LAW OR LAWS OR REGULATION OR REGULATIONS?) (5N) (CITY OR CITIES OR TOWN OR TOWNS OR LOCATION? ? OR JURISDICTION? ? OR ZIP()CODE? ?)
S5	4	S4(5N) (VALID? OR VERIF?)
S6	5413	GAP()ANALYS?
S7	0	AU=(COMO, B? OR COMO B?)
S8	530	S1(S)S3
S9	0	S8(S)S4
S10	0	S8(S) (BUILDING OR CONSTRUCTION) ( ) (CODE? OR LAW OR LAWS OR REGULATION OR REGULATIONS?)
S11	0	S1(S)S5
S12	119	S1(5N)S3
S13	92	S12 NOT PY>2000
S14	67	RD (unique items)
S15	58	S14 NOT ELECTRONICS
S16	52	S15 NOT PROCURE?
S17	114	S2(5N)S3
S18	0	S17(S) (S4 OR S6)
S19	110	S17 NOT S14
S20	103	S19 NOT ELECTRONICS
S21	69	S20 NOT PY>2000
S22	36	RD (unique items)

16/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

07978288 Supplier Number: 66660155 (USE FORMAT 7 FOR FULLTEXT)  
**Spatial Inc. Reports Third Quarter Financial Results.**  
Business Wire, p0298  
Nov 7, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 2070

... custom  
manufacturers and their customers.  
-- Open beta test of the quote-a-part.com(TM) **service** for  
**automated cost estimation** and process planning, created in  
partnership with Tecnomatix Technologies Ltd.  
-- More than 9,000 total...

16/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

07620830 Supplier Number: 62958748 (USE FORMAT 7 FOR FULLTEXT)  
**Estimates, or guesstimates?**  
Process Engineering, p19  
July, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 680

... pre-estimating stage of a project) but it is the most accurate  
method to determine **materials** and construction **costs** .  
**Computerised estimates** fall into two sections. The first is  
automatically generated by computerised drawings, isometrics or general...

16/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07407015 Supplier Number: 62296643 (USE FORMAT 7 FOR FULLTEXT)  
**Widecom Launches PosterNetwork.com, A New Economy, Value Added Printing**  
**Service Offering Customized, Fast, Inexpensive Poster-Size Reproductions.**  
Business Wire, p1116  
May 25, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1032

... enables us to print an excellent quality, high-gloss poster in 12  
seconds from a **digital** file for an **estimated** total direct **cost**  
including labor and **materials** of \$1.02; an unprecedented cost/performance  
combination in the industry."  
Mr. Braunstein added, "The...

16/3,K/4 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06391812 Supplier Number: 54810342 (USE FORMAT 7 FOR FULLTEXT)  
**'Phantom' a digital prequel.**



Doman, Matthew  
Hollywood Reporter, v357, n47, p51  
May 24, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 617

... could bring radical changes in multiplex design, adding that the savings could easily justify greater **equipment expense**.

He **estimated** that **digital** cinema projectors would cost around \$100,000 per screen, compared with \$35,000 for a...

**16/3,K/5 (Item 5 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05922902 Supplier Number: 53158588 (USE FORMAT 7 FOR FULLTEXT)

**Manufacturers Say Viable Digital Radio Is Almost Here.**

Taylor, Chuck  
Billboard, p6(1)  
Oct 31, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; General  
Word Count: 512

... channels atop current analog systems, called in-band, on channel, or IBOC.

Once a reality, **digital** broadcasting **equipment** is **estimated** to **cost** radio stations--which will simulcast analog signals with DAB for a decade--between \$50,000...

**16/3,K/6 (Item 6 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05643244 Supplier Number: 50091526

**Russia: Russian Internet business attracted foreign investors.**

Kommersant, p11  
June 3, 1998  
Language: Russian; NONENGLISH Record Type: Abstract  
Article Type: Article  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...the market of the legal information, Konsultant-Plus (Moscow, Russia) declared recently it purchases Internet **service** provider WWW. **Price** .RU (Russia). Specialists **estimate** Russia market of **electronic** information at \$3 bil and it grows by 20% a year.

**16/3,K/7 (Item 7 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05085028 Supplier Number: 47464896 (USE FORMAT 7 FOR FULLTEXT)

**A Demand-Side Study Claims Better Handle On Outlook for POD**

PrintingNews East, p9  
June 16, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 641

... turnover of existing print-on-demand business to providers offering

higher levels of fully integrated **service** .

**Price** Won't Pace Volume

**Electronic** printing is **forecast** to grow in the one-color segment from \$3.9 billion in 1996 to \$7...

**16/3,K/8** (Item 8 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04885165 Supplier Number: 47185651

**Sony to offer digital TV studio equipment.**

Brinkley, Joel

The New York Times, vCXLVI, n50,722, pC8

March 5, 1997

Language: English Record Type: Abstract

Document Type: Newspaper; General

ABSTRACT:

...spring of 1997, while others will follow later in the year or in 1998. Sony **estimated** that the new **digital equipment** will **cost** about 30% more than current-generation products. The entire television industry will be converting from...

**16/3,K/9** (Item 9 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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03872447 Supplier Number: 45562699 (USE FORMAT 7 FOR FULLTEXT)

**Biondi: Dawn of digital remains a long way off: Serious questions' about technology remain**

Hollywood Reporter, v0, n0, p3

May 25, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 358

... order any movie they want on a sort of super pay-per-view service via **digital** TV. But Biondi **estimated** the costly startup **costs** for such **services** likely will mean that they will be priced upward of a third higher than the...

**16/3,K/10** (Item 10 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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02986849 Supplier Number: 44049906

**Avnet - Company Report**

Investext, pl-2

August 23, 1993

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

...a few years ago, has been a constant disappointment for management. Despite significant cuts in **expenses** , **Digital Equipment** 's struggle ( **estimated** 50% of systems distribution's revenues) and the low gross margins the industry offers, management...

**16/3,K/11** (Item 11 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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02608372 Supplier Number: 43466936  
**MFB INDUSTRIES SETTING UP BATTERY PROJECT**  
Financial Express, p4  
Nov 21, 1992  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

Madras-based MFB Industries will be manufacturing sealed lead acid, maintenance-free batteries for **electronic equipment**. The **estimated cost** of the project is Rs3.5 crore. The project will be set up in technical...

**16/3,K/12 (Item 12 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02605216 Supplier Number: 43462369 (USE FORMAT 7 FOR FULLTEXT)  
**NEW CHLORIDE ADSORBENT NOW AVAILABLE FROM DISCOVERY**  
News Release, p1  
Nov 19, 1992  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 231

... pressure drop from shorter  
required bed depths.

Discovery is currently offering special introductory CL-750 **prices** and **services** that include **computerized** design recommendations and **estimated** useful bed life.

Detailed product information can be obtained from Discovery Aluminas, 16010 Barker's...

**16/3,K/13 (Item 13 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02156978 Supplier Number: 42803301 (USE FORMAT 7 FOR FULLTEXT)  
**How to Handle HOT PROMOTIONS: Sizzling produce ads can heat up the category, but they also can burn profits if handled wrong**  
Supermarket News, p41  
March 2, 1992  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1323

... weekly movement of their ad items and their everyday-priced items, crunching them in a **computerized** spread sheet. The **forecast** includes total **cost** of **goods**, total retail, gross profit dollars and gross profit percentage.

"We plug all this information into..."

**16/3,K/14 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

12098746 SUPPLIER NUMBER: 62117588 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**1300 YEARS OF THE POUND STERLING. (Statistical Data Included)**  
Weale, Martin

April, 2000

DOCUMENT TYPE: Statistical Data Included ISSN: 0027-9501

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 10604 LINE COUNT: 00782

... now a receiver bought for under (pounds)100 shows five terrestrial channels in colour. The **prices** of **electronic goods** such as **calculators** and computers have fallen very rapidly. These sorts of divergences undoubtedly reflect the disparate nature...

**16/3,K/15 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

08378929 SUPPLIER NUMBER: 17943426 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Digital does MPEG-1 encoder/decoder. (DEC's 21230 PCI video codec) (Product Announcement) (Brief Article)**

Microprocessor Report, v9, n17, p5(1)

Dec 25, 1995

DOCUMENT TYPE: Product Announcement Brief Article ISSN: 0899-9341

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 226 LINE COUNT: 00021

... requires substantial additional logic (graphics controller, frame buffer, RAMDAC, video decoder, audio decoder, clock, etc.) **Digital estimates** the complete bill of **materials costs** less than \$200. While other vendors have delivered less expensive MPEG-1 decoders, Digital's...

**16/3,K/16 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

08023789 SUPPLIER NUMBER: 17337316 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Who's gonna sort out all your messages? (includes two related articles on voice communication product for the Web and home use of the telephone company for universal inbox functions)**

Fine, Doug

InfoWorld, v17, n30, p61(2)

July 24, 1995

ISSN: 0199-6649 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2723 LINE COUNT: 00222

... pay for voice mail today," says Dave Hofstatter, director of the advanced products group at **Digital Sound**. He **estimates** that the **service** will **cost** between \$10 and \$50 per month.

Siegel expects the product to ship in the fall.

**16/3,K/17 (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

07906092 SUPPLIER NUMBER: 16983017 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**South seas software. (Australia's mining software industry) (includes related articles)**

E-MJ - Engineering & Mining Journal, v196, n5, p36(6)

May, 1995

ISSN: 0095-8948 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 4279 LINE COUNT: 00349

... the Windows environment. The simulation of waste and coal removal by dragline, dozer, or other **equipment** allows for **cost** and productivity

calculations .

**Computerized** maintenance management systems are more and more widely used in mining operations to maximize uptime...

**16/3,K/18 (Item 5 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07669629 SUPPLIER NUMBER: 16504527 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**New CD-ROM allows you to design a garden on-screen.**  
Link-Up, v12, n1, p21(1)  
Jan-Feb, 1995  
ISSN: 0739-988X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 555 LINE COUNT: 00046

... garden design capabilities, including drawing and editing tools, hundreds of pre-drawn graphic symbols, and **automated cost** and **materials calculations** . In addition, LandDesigner features over 1,000 high-quality full-color photographic images from the...

**16/3,K/19 (Item 6 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07598408 SUPPLIER NUMBER: 16507310 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Photo finish. (Fuji Co.'s Pictography 3000 digital printer)**  
Weibel, Bob  
Computer Pictures, v12, n6, p75(2)  
Nov-Dec, 1994  
ISSN: 0883-5683 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1046 LINE COUNT: 00079

... situation] wouldn't last a week," he said.  
Cost Factors

Jack Etzion of Samy's **Digital** Imaging **estimates** that donor and receiver **supplies** for the Pictography **cost** between \$3-\$3.50 per page, about what dye-sub supplies cost a couple of...

**16/3,K/20 (Item 7 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

06230347 SUPPLIER NUMBER: 13522916 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Another December surprise. (real estate settlement cost legislation)**  
Mortgage Banking, v53, n3, p38(8)  
Dec, 1992  
ISSN: 0730-0212 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 5271 LINE COUNT: 00429

... and that lower rates or fees may be available from lenders not listed on a **computerized** system.

HUD's **estimated cost** to CLO **service** providers simply for completing this new CLO disclosure? \$3.2 million annually as described in ...

**16/3,K/21 (Item 8 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

05797043 SUPPLIER NUMBER: 11898562 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**How to handle hot promotions; sizzling produce ads can heat up the**

category, but they also can burn profits if handled wrong.

Saxton, Lisa

Supermarket News, v42, n9, p41(2)

March 2, 1992

ISSN: 0039-5803

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1416

LINE COUNT: 00106

... weekly movement of their ad items and their everyday-priced items, crunching them in a **computerized** spread sheet. The **forecast** includes total **cost** of **goods**, total retail, gross profit dollars and gross profit percentage.

"We plug all this information into...

**16/3,K/22 (Item 9 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05190440 SUPPLIER NUMBER: 10838568 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**AEC/CAD meets estimating: new packages extend the efficiency of CAD to cost estimating. (Architectural, Engineering and Construction/Computer-Aided Design)**

Lang, Laura

Computer Graphics World, v14, n5, p73(3)

May, 1991

ISSN: 0271-4159

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1521

LINE COUNT: 00122

...ABSTRACT: have tools at their disposal that can help them revise cost estimates as labor and **material** expenditures change. **Automated cost estimating** offers efficiency, completeness, waste reduction, number-crunching and presentations capabilities. Businesses that already use CAD...

**16/3,K/23 (Item 10 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

04151077 SUPPLIER NUMBER: 08179723 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The 1989 Mechanical Contractor computer software and hardware directory. (directory)**

Contractor, v36, n11, p39(7)

Nov, 1989

DOCUMENT TYPE: directory

ISSN: 0897-7135

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 4455

LINE COUNT: 00402

... fax: 619/457-1320. Quickscaler, A.L.E.C., PFMS price updates, accounting system, time & **material** billing, TRASER computerized **price** book. **Automated price** updating, **estimating**, time & **material** billing and job **cost** accounting systems.

TIMBERLINE SOFTWARE CORP., 9405 SW Gemini, Beaverton, Ore. 97005;  
National Sales Dept., 503...

**16/3,K/24 (Item 11 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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02167487 SUPPLIER NUMBER: 03430459 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Construction estimating guidelines. (The estimating system, part 2)**

Opfer, Neil

Plant Engineering, v38, p105(3)

Sept 13, 1984

ISSN: 0032-082X      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1515      LINE COUNT: 00121

... To ease the complex process of project cost estimating, plant engineers should assemble all available **materials**, including published **cost** data, historical **cost** data, **computerized estimating resources**, and miscellaneous estimating tools.

Published Cost Data--A number of cost estimating data books are...

**16/3,K/25      (Item 1 from file: 160)**  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01706007  
DIGITIZED **COMPUTER SYSTEM** ESTIMATES    MATERIAL    **QUANTITIES AND COSTS** .  
NEWS RELEASE    May 4, 1987    p. 11

DIGITIZED **COMPUTER SYSTEM** ESTIMATES    MATERIAL    **QUANTITIES AND COSTS** .

**16/3,K/26      (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03997392    Supplier Number: 53127359    (USE FORMAT 7 FOR FULLTEXT)  
**DTV PROGRESS: SOME STATIONS ON THE AIR; TESTING RECEPTION.**  
DV Business, v11, n21, pNA  
Oct 19, 1998  
Language: English    Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 423

... with a Philips [PHG] Venus analog and digital video router and analog audio router.

Hassan **estimates digital equipment costs** to be \$5 million through next May 1. "That's not including the millions we..."

**16/3,K/27      (Item 2 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03259549    Supplier Number: 46688321    (USE FORMAT 7 FOR FULLTEXT)  
**THATCHAM: Thatcham wins outstanding recognition for technology initiative with help of Centura Software**  
M2 Presswire, pN/A  
Sept 6, 1996  
Language: English    Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 830

... of 3000 standard repair times. Now the database is used by 11 software companies supplying **electronic cash repair cost estimating equipment** to 3,000 major repairers with a user base of several thousand.  
TTS was fully...

**16/3,K/28      (Item 3 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03165453    Supplier Number: 46483303    (USE FORMAT 7 FOR FULLTEXT)  
**NEXTEL CUSTOMER IS LIVID OVER HAVING HIS RADIOS TURNED OFF Nextel Asks 266 Customers in Washington/Baltimore To Switch To Digital or Leave**

Land Mobile Radio News, v50, n25, pN/A  
June 21, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1299

... dispatch service for six years, has given him a choice. It is to switch to **digital service**, at an **estimated cost** of \$5,800, or leave the service.

"I don't have \$5,800 to spend...

**16/3,K/29 (Item 4 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02446399 Supplier Number: 44884295 (USE FORMAT 7 FOR FULLTEXT)  
**GATF ANNOUNCES THREE NEW FALL WORKSHOPS**  
Imaging Update, v5, n8, pN/A  
August, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 647

... train employees and customers for desktop production, build pages to avoid print production problems, and **estimate** and **price electronic** production **services**.

Other topics include work processing, typography, text scanning (OCR), fonts and utilities, illustration software, high...

**16/3,K/30 (Item 5 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01845834 Supplier Number: 43152855 (USE FORMAT 7 FOR FULLTEXT)  
**FOOD SERVICE PROVIDER CUTS COSTS WITH AUTOMATED CASH CONCENTRATION FORECASTING SYSTEM**  
Corporate EFT Report, v12, n14, pN/A  
July 15, 1992  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1162

**FOOD SERVICE PROVIDER CUTS COSTS WITH AUTOMATED CASH CONCENTRATION FORECASTING SYSTEM**

**16/3,K/31 (Item 6 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01254552 Supplier Number: 41327538 (USE FORMAT 7 FOR FULLTEXT)  
**EMERSON PLEADS GUILTY TO OVERCHARGES/AGREES TO PAY \$14 MILLION.**  
Avionics Report, v3, n10, pN/A  
May 11, 1990  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 102

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...week that Emerson Electric has pleaded guilty to four counts of giving false and inflated **cost estimates** for **electronic equipment** it sold sole source to the Pentagon between 1983 and 1987 and agreed to pay...



16/3,K/32 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

1892482 Supplier Number: 01892482

**Trang fodel for digital-TV**

(Canal Digital Norge will launch digital TV transmissions in Norway in  
October 1997 via satellite; company does not expect more than  
30,000-45,000 households to buy digital receivers in next 2 yrs to 2000)

Dagens Naeringsliv, p 26

July 23, 1997

DOCUMENT TYPE: Business Newspaper ISSN: 0017-7296 (Norway)

LANGUAGE: Norwegian RECORD TYPE: Abstract

**ABSTRACT:**

...forecasts for digital TV viewers depend on content on digital channels.  
One reason for the **forecast** low uptake of **digital** TV in Norway is the  
**cost** of **equipment** . Canal Digital Norge is equally owned by Canal Plus  
(France), TV firm, and Telenor (Norway). ...

16/3,K/33 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01582654 02-33643

**Estimating digital press jobs**

Merit, Don

American Printer v220n5 PP: 72 Feb 1998

ISSN: 0744-6616 JRNL CODE: APR

WORD COUNT: 610

...ABSTRACT: job will take, multiply that by an accurate hourly rate and  
then add in the **cost** of **materials** . Tips for **estimating** **digital**  
printing jobs are presented. ...

16/3,K/34 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01070208 97-19602

**Making the phone company your UI server**

Anonymous

InfoWorld v17n30 PP: 62 Jul 24, 1995

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 321

...TEXT: pay for voice mail today," says Dave Hofstatter, director of the  
advanced products group at **Digital** Sound. He **estimates** that the  
**service** will **cost** between \$10 and \$50 per month.

Siegel expects the product to ship in the fall.

16/3,K/35 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00673969 93-23190

**Another December surprise**

Kider, Mitchel H; Brodsky, James A

Mortgage Banking v53n3 PP: 38-45 Dec 1992

ISSN: 0730-0212 JRNL CODE: MOB  
WORD COUNT: 4918

...TEXT: and that lower rates or fees may be available from lenders not listed on a **computerized** system.

HUD's **estimated cost** to CLO **service** providers simply for completing this new CLO disclosure? \$3.2 million annually as described in...

**16/3,K/36 (Item 4 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00634989 92-49929

**Cost Estimating Techniques for Pilot Plants**

Yoslov, Stan

American Association of Cost Engineers Transactions v1 PP: A.7.1-A.7.7  
1992

ISSN: 0065-7158 JRNL CODE: AEE  
WORD COUNT: 3054

...TEXT: for common items are maintained in a file.

\* Another approach uses algorithms developed in a **computerized** spreadsheet to **calculate material**, engineering, and craft **costs** based on control loop counts. The control loops are manually grouped by type and the...

**16/3,K/37 (Item 5 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00601616 92-16789

**CMG Conference Highlights**

Anonymous

Capacity Management Review v20n2 PP: 1-5 Feb 1992

ISSN: 0091-7206 JRNL CODE: PPR

WORD COUNT: 3345

...TEXT: 20 Capacity Planning 6 Reporting 4 Planning/Management 3 Equipment Selection 3 Technology (Hardware) 1 **Automated** Operations 1 Workload **Forecasting** 1 Networks 1 Accounting/ **Cost** Analysis 1 **Service** Levels

One never quite knows whether shifts in the subject coverage have deep meaning or...

**16/3,K/38 (Item 6 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00397650 88-14483

**CPI Likes CIM**

Savage, Peter

Chemical Engineering v95n4 PP: 20-21 Mar 28, 1988

ISSN: 0009-2460 JRNL CODE: CEG

...ABSTRACT: shipments to customers, 4. inventory and inventory shortages, 5. personnel costs, and 6. overall manufacturing **costs**. **Estimates** by **Digital Equipment** Corp. (DEC) suggest that \$1.5 billion will be spent on data processing in 1988...

16/3,K/39 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00094452 79-09453

**Delivering Business Customer Products**

Hayward, Gerald P.; Layton, Richard L.; Stokes, Dorothy M.  
Bell Laboratories Record v57n5 PP: 125-129 May 1979  
ISSN: 0005-8564 JRNL CODE: BLR

...ABSTRACT: customers, Bell Labs developed the Marketing, Engineering, and Business Services (MEBS) system. By storing current **equipment** and installation **price** data, and **computerizing** tedious **calculations**, the MEBS system allows Operating Company sales and engineering personnel to concentrate on the parts...

16/3,K/40 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

12575822 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Project Time & Cost Offers ptc-NET to Property Insurance Carriers  
Nationally for First Time**

BUSINESS WIRE

August 28, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 899

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... an estimate for guaranteed quality repair work based on ptc-NET(SM)'s regionally adjusted **prices** for **materials** and labor; the **estimate** is then **electronically** transmitted to the claim adjuster for final authorization by the insurance carrier; and the repair...

16/3,K/41 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

11249176 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**MAY 25, 2000**

CCN DISCLOSURE

May 29, 2000

JOURNAL CODE: WCCN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1025

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... enables us to print an excellent quality, high-gloss poster in 12 seconds from a **digital** file for an **estimated** total direct **cost** including labor and **materials** of \$1.02; an unprecedented cost/performance combination in the industry."

Mr. Braunstein added, "The...

16/3,K/42 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

06352504 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**BBC going to extend Czech service broadcasts, staff in Prague**

CZECH NEWS AGENCY

July 22, 1999

JOURNAL CODE: WCNA LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 200

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... on the reconstruction of the Czech Service in the CTK building in Prague and on **electronic** equipment.

Kolar **estimates** the **service** 's overhead **cost** at 160,000 pounds annually after the changes.

ms/dr

**16/3,K/43 (Item 4 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

05051206

**"Taxi-cam' to boost safety**

Anthony Black

ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (HERALD-SUN) , p21

April 18, 1999

JOURNAL CODE: WTHS LANGUAGE: English RECORD TYPE: ABSTRACT

WORD COUNT: 97

... taxis and more than 50% of taxi drivers agree with the proposal to install the **digital** cameras. Raywood Communications **estimates** that the **cost** of installing the **equipment** would be between \$A1,000 and \$A2,000

**16/3,K/44 (Item 1 from file: 95)**  
DIALOG(R)File 95:TEME-Technology & Management  
(c) 2003 FIZ TECHNIK. All rts. reserv.

00598545 E92077124202

**Seeing is believing**

(Wer es sieht, glaubt es eher)

Quillian, J

British Telecom World, v46, nMar, pp38-39, 1991

Document type: journal article Language: English

Record type: Abstract

ISSN: 0953-8429

DESCRIPTORS: VIDEO TECHNIQUE; FRAME TRANSMISSION; MICROCOMPUTERS; VDT  
WORKPLACES; OFFICE AUTOMATION; BUREAUTICS; COMPUTER CONFERENCING;  
TELEVISION TELEPHONES; **COST** REDUCTION; INTEGRATED **SERVICES** **DIGITAL**  
NETWORKS; TIME SAVING; **FORECAST** ; DEVELOPMENTAL TREND; GREAT BRITAIN

**16/3,K/45 (Item 1 from file: 624)**  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0211398

**EMERSON ELECTRIC CO.**

Aviation Week & Space Technology May 7, 1990; Pg 40; Vol. 132, No. 19

Journal Code: AW ISSN: 0005-2175

Section Heading: News Briefs

Word Count: 54 \*Full text available in Formats 5, 7 and 9\*

**TEXT:**

EMERSON ELECTRIC CO. pleaded guilty to providing false and inflated **cost** **estimates** for **electronic** **equipment** it sold to the Defense Dept. between 1983 and 1987 on a sole-source basis...

16/3,K/46 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0889320 98-50007

**It's a robot's life**

O Brien, George  
BusinessWest-Chicopee MA (Chicopee, MA, US), V14 N9 p34  
PUBL DATE: 980100  
WORD COUNT: 1,772  
DATELINE: Springfield, MA, US, New England

TEXT:

...Further automate the testing process.

Meanwhile, at Baystate Medical Center, Doug Jaciow, director of Pathology **Services**, reports similar **cost** savings and **estimates** that **automated** equipment has helped Baystate save an estimated \$400,000 a year in a laboratory where...

16/3,K/47 (Item 2 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0845229 98-05584

**Menards counters a big challenge Down-to-earth president expanding his chain to fight off Home Depot's attack**

Hawkins, Lee Jr  
Milwaukee Journal Sentinel (Milwaukee, WI, US) p14  
PUBL DATE: 970901  
WORD COUNT: 2,758  
DATELINE: Milwaukee, WI, US, North Central

TEXT:

...tied up in labor dollars here."

Menard takes pride in the operation's \$45 million, **computerized** manufacturing system. He **estimated** the **equipment** helps slash production **costs** about 10%, compared with what the company would pay a supplier.

"Having it all computerized...

16/3,K/48 (Item 3 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0423535 93-75675

**CAP displays prowess as store supplier**

Lietzke, Ron  
Columbus Dispatch (Columbus, OH, US) sBUS p--  
PUBL DATE: 930802  
WORD COUNT: 749  
DATELINE: Columbus, OH, US

TEXT:

...associates have been revamping production to cut costs and increase productivity.

Production schedules and cost **estimates** are bring **computerized** including a running account of **material costs** and production hours per

order.

"It tells how long it took to build (a product...

16/3,K/49 (Item 1 from file: 494)  
DIALOG(R)File 494:St LouisPost-Dispatch  
(c) 2003 St Louis Post-Dispatch. All rts. reserv.

05529495

**EMERSON POSTS STRONG EARNINGS**

ST. LOUIS POST DISPATCH (SL) - WEDNESDAY May 2, 1990  
By: William Flannery  
Of the Post-Dispatch Staff  
Edition: 3S Section: BUSINESS Page: 5B  
Word Count: 613

Emerson pleaded guilty Tuesday to making inflated **cost estimates** for **electronic equipment** it sold the Pentagon.

The company pleaded guilty in federal court to four felony counts...

16/3,K/50 (Item 1 from file: 498)  
DIALOG(R)File 498:Detroit Free Press  
(c) 2003 Detroit Free Press Inc. All rts. reserv.

05535882

**COMPUTERS HELP SAFEGUARD KIDS SYSTEM KEEPS CHILD-PROTECTION WORKERS IN THE KNOW**

DETROIT FREE PRESS (FP) - THURSDAY September 27, 1990  
By: PATRICIA CHARGOT Free Press Staff Writer  
Edition: METRO FINAL Section: NWS Page: 2B  
Word Count: 640

...file hunt.

Sue DuCap, director of the Berrien project for the state Department of Social **Services**, said the **estimated cost** of **computerizing** child protective services statewide is \$14 million to \$16 million.

State Social Services Director C...

16/3,K/51 (Item 1 from file: 638)  
DIALOG(R)File 638:Newsday/New York Newsday  
(c) 2003 Newsday Inc. All rts. reserv.

05626264

**LEDGER**

NEWSDAY (ND) - Wednesday May 2, 1990  
By: Compiled from staff and wire reports  
Edition: NASSAU AND SUFFOLK Section: BUSINESS Page: 47  
Word Count: 534

...American companies from participating in foreign boycotts.

\* \* \*

Emerson Electric Co. pleaded guilty to making inflated **cost estimates** for **electronic equipment** it sold the Pentagon between 1983 and 1987 and agreed to pay \$14 million in...

16/3,K/52 (Item 1 from file: 702)

DIALOG(R)File 702:Miami Herald  
(c) 2003 The Miami Herald Publishing Co. All rts. reserv.

05531421

**LATE TRADING BOOSTS STOCKS 12.16 POINTS**

MIAMI HERALD (MH) - WED MAY 02 1990

By: From Herald Staff and Wire Reports

Edition: FINAL Section: BUSINESS Page: 5B

Word Count: 582

...Steel and Marathon Oil.

EMERSON ELECTRIC CO. pleaded guilty to four felony counts of inflating **cost estimates** for **electronic equipment** it sold the Pentagon between 1983 and 1987. The company also agreed to pay \$14...

22/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

08075237 Supplier Number: 67371699 (USE FORMAT 7 FOR FULLTEXT)  
**SENSE Technologies Introduces Proprietary Biometrics Technology At  
COMDEX/Fall 2000 Las Vegas; Biometric Secured Access Control Device  
'CheckPrint A/C' Demonstrated.**

Business Wire, p2347

Nov 28, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 698

... attendance system now offered by Sense Technologies, includes over 20 standard reports, employee scheduling module, **job cost**, edit time punches, **electronic calculation**, creation of on-line time sheets, and an export data module to over 150 Payroll...

22/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

07686601 Supplier Number: 63964113 (USE FORMAT 7 FOR FULLTEXT)  
**Market Voice, Inc. Announces Coverage and Investment Opinion on Sense Holdings, Inc.**

Business Wire, p2167

August 9, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1103

... base.

The CheckPrint T/A(TM) system includes over 20 standard reports, employee scheduling module, **job cost**, edit time punches, **electronic calculation** and creation of on-line time sheets and an export data module to over 150...

22/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

05666691 Supplier Number: 50130354 (USE FORMAT 7 FOR FULLTEXT)  
**BTG Awarded \$14.3 Million Project in Florida.**

Business Wire, p06301302

June 30, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 306

... The company employs a sophisticated set of systems and software specifically designed for managing construction **projects** more efficiently and **cost** effectively, including **computerized cost estimation** and computer-aided design and drafting(CADD) systems.

The award of the Island Princess contract...

22/3,K/4 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

04596810 Supplier Number: 46758102 (USE FORMAT 7 FOR FULLTEXT)



**Pensions ready for Year 2000**

UNIX News, p10

Oct, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 191

... Year 2000 issue, including technical and business impact assessments, as well as a high level **project** plan and **cost estimation** for an **automated** systems remedy. For this purpose Software AG will investigate a representative application consisting of approximately...

**22/3,K/5 (Item 5 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

02801119 Supplier Number: 43762115 (USE FORMAT 7 FOR FULLTEXT)

**ASG UNVEILS REVOLUTIONARY CAD-COST ESTIMATING LINK**

News Release, p1

April 6, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 677

... estimates. They can design and make changes in ASG CAD software and quickly see the **cost** effect on **project estimates**.

This **automated** CAD- **estimating** technology gives users greater ability to evaluate design/cost alternatives. It also produces integration of...

**22/3,K/6 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

12369947 SUPPLIER NUMBER: 62958748 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Estimates, or guesstimates?**

Process Engineering, 19

July, 1999

ISSN: 0370-1859 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 683 LINE COUNT: 00061

... stage of a project) but it is the most accurate method to determine materials and **construction costs**.

**Computerised estimates** fall into two sections. The first is automatically generated by computerised drawings, isometrics or general...

**22/3,K/7 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

06353058 SUPPLIER NUMBER: 16128604

**Piping cost estimating expert system.**

Lopez, Pedro; Balderrama, Ana Maria

Transactions of the American Association of Cost Engineers, pL3.1(12)

Annual, 1993

ISSN: 0065-7158 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: An expert **computerized** system for **estimating** the piping **cost** component of **construction projects** is evaluated. Called EXPERTUB, the system provides a detailed calculation of all the accessories and...

22/3,K/8 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

05214540 SUPPLIER NUMBER: 11045038 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Taking hospitals off the sick list. (Britain reorganizes the National Health Service) (includes a related article summarizing the effects of the National Health Service and Community Care Act of 1990)**  
Huaghton, Emma  
Computer Weekly, n1265, p24(2)  
June 13, 1991  
ISSN: 0010-4787 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2160 LINE COUNT: 00168

...ABSTRACT: lack of funding. While the Department of Health has budgeted 100,000 pounds for the **computerization** effort, **estimates** from a pilot **project** rate **costs** at closer to 500,000 pounds for each of the 200 districts. To fill the...

22/3,K/9 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

05187562 SUPPLIER NUMBER: 10658624 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Better estimating with computerized job cost data.**  
Coulter, Carleton, III  
Highway & Heavy Construction, v134, n5, p15(1)  
April, 1991  
ISSN: 0362-0506 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 667 LINE COUNT: 00053

**Better estimating with computerized job cost data.**

TEXT:

Better **Estimating** with **Computerized** **Job** **Cost** **Data**

22/3,K/10 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03932090 SUPPLIER NUMBER: 07933201 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Nautilus engineering positions itself as "single-source" design/build firm. (Nautilus Engineering and Construction Inc.)**  
Pipeline, v61, n3, p28(1)  
June, 1989  
ISSN: 0148-4443 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 787 LINE COUNT: 00064

... several PC-based, in-house computer-aided design stations, along with continual updating of the **computerized estimating**, scheduling and **job - cost** accounting software that is an integral part of maintaining and tracking ongoing projects.

A recent...

22/3,K/11 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03864720 SUPPLIER NUMBER: 06992830 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Coping with new problems in the bidding process. (improving business tactics)**

Lager, David C.  
Highway & Heavy Construction, v132, n1, p76(2)  
Jan, 1989  
ISSN: 0362-0506      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1553      LINE COUNT: 00127

... years of the early 1980s have learned to do more with less, often aided by **computerized estimating** systems. Such systems help control **job costs** in a more timely and efficient manner and enable management to spot problems quickly. And...

**22/3,K/12      (Item 7 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03680455      SUPPLIER NUMBER: 06981541      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Maycor Appliance Parts & Service to build parts distribution center.**  
PR Newswire, p0919NY042  
Sept 19, 1988  
LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 317      LINE COUNT: 00026

... building in an industrial park in Milan, which is 85 miles northeast of Memphis. Total **cost** of the **project**, including a **computerized** inventory system, is **estimated** at \$8.5 million. The warehouse will be constructed on a 25-acre site and...

**22/3,K/13      (Item 1 from file: 160)**  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

02225345  
**Nautilus Engineering Positions Itself as 'Single-Source' Design/Build Firm**  
PipeLine June, 1989 p. 28  
ISSN: 0148-4443

...adding a number of PC-based, in-house CAD stations, and the constant updating of **computerized estimating**, scheduling and **job - cost** accounting software that is a component of maintaining and tracking continuing projects. ...

**22/3,K/14      (Item 1 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02059675      SUPPLIER NUMBER: 19229416      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**In the Navy. (case study of how Navy uses SQL Software Process Configuration Management software) (Product Information)**  
Haque, Tani  
HP Professional, v11, n3, p26(1)  
March, 1997  
ISSN: 0896-145X      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1254      LINE COUNT: 00104

... them; act as a central repository of information; provide real-time project status information to **project** managers; and **automate cost estimates**. "The benefit of such an approach is that it

**22/3,K/15      (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03758996 Supplier Number: 48133804 (USE FORMAT 7 FOR FULLTEXT)  
**WORLD BANK: Information infrastructure in Indonesia**  
M2 Presswire, pN/A  
Nov 20, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 582

... through cost-sharing schemes that improve private sector access to international expertise, new technologies, and **electronic** commerce options.

The **estimated** total **project cost** is US\$53.2 million. Sixty-five percent will be financed by the IBRD loan...

**22/3,K/16 (Item 2 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01835119 Supplier Number: 43123060 (USE FORMAT 7 FOR FULLTEXT)  
**On Tap**  
Eastern European & Soviet Telecom Report, pN/A  
July 1, 1992  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 62

Country	Project	Estimated Cost
Bulgaria	Network <b>Digitalization</b>	\$240 million
Belarus	International/transit exchange and digital overlay	\$34 million
Poland	Warsaw network upgrade...	

**22/3,K/17 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01906340 05-57332  
**Delay claims management in construction--a step-by-step approach**  
Baki, M A  
Cost Engineering v41n10 PP: 36-38 Oct 1999  
ISSN: 0274-9696 JRNL CODE: ACO  
WORD COUNT: 1636

...TEXT: planned and as-built schedules with electronic files.

As-revised and as-updated schedules with **electronic** files.

Bid **estimate** and schedule of values.

**Project cost** reports (detailed and summarized).

Daily equipment use and workforce logs.

Overtime workforce usage logs.

As...

**22/3,K/18 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01712469 03-63459

**Electronic maps simplify line design**

Iwaki, Shinji; Tanaka, Kazumitsu

Transmission & Distribution World v50n9 PP: 33-41 Sep 1998

ISSN: 1087-0849 JRNL CODE: TMD

WORD COUNT: 1903

...TEXT: Technical calculation based on basic items required for design, drafting of design drawings/specs, and **construction cost estimates** are entirely **automated**.

Use of mapping technology

Design drawings including plans and pole structure framing are automatically drafted...

**22/3,K/19 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01615178 02-66167

**Cost forecasting--beyond the crystal ball**

McMullan, Leslie E

Transactions of AACE International PP: CS201-CS208 1996

ISSN: 1074-7397 JRNL CODE: AEE

WORD COUNT: 4940

...TEXT: estimates;

predictive modeling; and

statistical analysis-probability, regression analysis.

Major resources available at Cowan for **forecasting** include the following:

**computerized** project management system;

**project** unit **cost** and workhour database (parametric model);

cost control system with detail forecasting module;

database of historical...

**22/3,K/20 (Item 4 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00594981 92-10154

**Top Executives Take Aim at the Future of Power-Delivery**

Anonymous

Transmission & Distribution v44n1 PP: 18-36 Jan 1992

ISSN: 0041-1280 JRNL CODE: TMD

WORD COUNT: 11528

...TEXT: maintained and value added whenever possible. Engineering systems employing computerized drawings based upon material and **construction** standards and **computerized cost estimating** can assist in meeting the future engineering challenges.

**22/3,K/21 (Item 1 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

14125412 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Carlton Comms PLC - Final Results - Part 2**

REGULATORY NEWS SERVICE

December 05, 2000

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3000

**22/3,K/22 (Item 2 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

11815759 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Bricsnet Architecturals Becomes Integration Platform for Intelligent Building Components**

BUSINESS WIRE

July 05, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1049

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... enable Ausam's clients to:  
--Instantly create 3D parametric designs,  
--Quickly make design changes,  
--Efficiently **automate** drawing production,  
--Correctly **estimate project costs** ,  
--Easily customize the solution to fit their needs,  
--Download design objects from the Internet, and...

**22/3,K/23 (Item 3 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

11815722 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Bricsnet Corrects and Replaces Previous Announcement, BW2132, NH-BRICSNET**

BUSINESS WIRE

July 05, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1082

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... enable Ausam's clients to:  
--Instantly create 3D parametric designs,  
--Quickly make design changes,  
--Efficiently **automate** drawing production,  
--Correctly **estimate project costs** ,  
--Easily customize the solution to fit their needs,  
--Download design objects from the Internet, and...

**22/3,K/24 (Item 4 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

11187177 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Carlton Comms PLC - Interim Results**

REGULATORY NEWS SERVICE

May 24, 2000

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4321

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 9.5) (3.0) Digital Television loss before tax (98.1) (49.6)  
Interest on **Digital** Television has been **calculated** on the total  
cumulative **project cost** to date at the average rate earned on cash  
deposits.

(4) Products division comprises the...

**22/3,K/25 (Item 1 from file: 624)**  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

00787532

**Data Sources Star at A/E/C Systems: Sellers of data were on almost every  
aisle in Anaheim. Big or small, they're going to change the design  
process and the designer-client relationship.**

Architectural Record August, 1996; Pg 55; Vol. 13, No. 18

Journal Code: AR ISSN: 0003-858X

Section Heading: COMPUTER REVIEWS

Word Count: 3,195 \*Full text available in Formats 5, 7 and 9\*

BYLINE:

By Steven S. Ross

TEXT:

...a Windows-based estimating program with 85,000-item database on CD- ROM.  
Its CD **Estimator** includes **electronic** data from six **construction - cost**  
databases the firm publishes, such as new construction, remodeling,  
plumbing, and hvac. The CD includes...

**22/3,K/26 (Item 1 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0116461 BW613

**TIMBERLINE AUTODESK: (ACAD) Timberline Software, Autodesk in joint product  
development; first shipments of precision CADLink Monday**

February 6, 1989

Byline: Business Editors

...Timberline's Precision Estimating Plus -- Precision  
CADLink.

The interface, which for the first time allows **construction cost**  
**estimators** to **electronically** take off dimensions and building  
specifications from any AutoCAD file, will be promoted by both...

**22/3,K/27 (Item 1 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0928204 98-89735

**Expanding? Save money using high tech**

Stowe, Kenneth H

MASS HIGH TECH (Watertown, MA, US), V16 N9 p14

PUBL DATE: 980302

WORD COUNT: 1,158

DATELINE: MA, US, New England

TEXT:

...as teams. Many believe that a team approach can save approximately 5 percent of the **costs** of a **project**. With **electronic** innovations, some **estimate** that this figure will increase by another 5 to 7 percent.

Technologies that represent this...

**22/3,K/28 (Item 2 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

0429349 93-81628

**With 'little to lose,' Phillips started own company**

Finkelstein, Alex

Orlando Business Journal (Orlando, FL, US), V10 N13 s1 p20

PUBL DATE: 930903

WORD COUNT: 931

DATELINE: Maitland, FL, US

TEXT:

...Construction has just made its first bank loan for \$15,000 to buy a Timberland **computerized estimating** system. The system can provide **job** and materials **costs** and myriad **project** related data in a third of the time it would take to do the same...

**22/3,K/29 (Item 3 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

0088877 89-12585

**Computerized Estimating Could Lower the Cost of Construction ; or  
Enable Contractors to Bid More**

Anonymous

Syracuse Business (Syracuse, NY, US), V10 N8 s1 p15

PUBL DATE: 890300

WORD COUNT: 1,167

DATELINE: NY, US

**Computerized Estimating Could Lower the Cost of Construction ; or  
Enable Contractors to Bid More**

**22/3,K/30 (Item 4 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

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0084732 89-08402

**Timberline Software, Autodesk in Joint Product Development; First Shipments  
of Precision CADLink Monday**

Cox, Tom; Davidson, Scott

Business Wire (San Francisco, CA, US) s1 p1

PUBL DATE: 890206

WORD COUNT: 393

DATELINE: Beaverton, OR, US

TEXT:

...Timberline's Precision Estimating Plus -- Precision CADLink.

The interface, which for the first time allows **construction cost estimators** to **electronically** take off dimensions and building



specifications from any AutoCAD file, will be promoted by both...

**22/3,K/31 (Item 5 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0030708 87-09399

**Cimarron's Cohen Backed Into Business in Big Way**

Fayhee, M. John

The Denver Business Journal (Denver, CO, US), V38 N33 s1 p27

PUBL DATE: 870511

WORD COUNT: 1,036

DATELINE: Denver, CO, US

TEXT:

...and accounting system and hired a part-time business advisor. They came up with a **computerized job cost estimate** program that facilitated their bidding procedures, and employees were suddenly required to come up with...

**22/3,K/32 (Item 1 from file: 711)**  
DIALOG(R)File 711:Independent(London)  
(c) 2003 Newspaper Publ. PLC. All rts. reserv.

08638072

**BSkyB to contribute to Astra costs**

Independent (IN) - Friday, May 17, 1996

By: MATHEW HORSMAN, Media Editor

Edition: 3 Section: Business Page: 21

Word Count: 423

TEXT:

... to make an upfront payment that could reach pounds 85m, according to industry experts.

The **construction**, launch and insurance **costs** of the **digital** satellite are **estimated** at about \$250m (pounds 170m). BSkyB makes annual payments of about pounds 30m for its...

**22/3,K/33 (Item 1 from file: 498)**  
DIALOG(R)File 498:Detroit Free Press  
(c) 2003 Detroit Free Press Inc. All rts. reserv.

07011760

**PRINTS OF THE CITY DEVELOPER FORBES HOPES TO PRESERVE LOOK AT THE PAST**

Detroit Free Press (FP) - THURSDAY April 1, 1993

By: JOHN GALLAGHER Free Press Business Writer

Edition: METRO FINAL Section: BIZ Page: 1E

Word Count: 678

...catalog the collection, set up a retrieval system, and transfer at least some images to **electronic** disk.

He **estimates** a thorough **job** might **cost** \$250,000. He hopes to persuade a foundation to take an interest in the project...

**22/3,K/34 (Item 1 from file: 631)**  
DIALOG(R)File 631:Boston Globe  
(c) 2003 Boston Globe. All rts. reserv.

03111223

**INSPECTOR GENERAL REVIEWS MBTA SPENDING REPORT**

BOSTON GLOBE (BG) - SATURDAY December 15, 1984

By: Marvin Pave, Globe Staff

Edition: THIRD Section: METRO Page: 36

Word Count: 679

... managers for on-site inspection of projects. Three years ago, Gens added, the authority started **computerizing** the **estimated** cost, scheduling and actual **expense** of **construction** **projects** .

The audit criticized the MBTA for paying \$4.25 million to the Raytheon Corp. for...

**22/3,K/35 (Item 1 from file: 638)**

DIALOG(R)File 638:Newsday/New York Newsday

(c) 2003 Newsday Inc. All rts. reserv.

06505124

**GOVERNMENT WATCH**

Newsday (ND) - Sunday January 5, 1992

By: COMPILED BY ANNETTE WELCH

Edition: OYSTER BAY SOUTH Section: NEWS Page: 02

Word Count: 1,276

...of such record or for a certification that a search discloses no record.

Approved the **construction** **cost** **estimates** of the **automated** fuel management system for the fuel dispensing facilities at Town Hall South and authorized Cashin...

**22/3,K/36 (Item 1 from file: 641)**

DIALOG(R)File 641:Rocky Mountain News

(c) 2003 Scripps Howard News. All rts. reserv.

10199028

**RALPH JOHNSON, DATA PROCESSING PIONEER, CIVIC ACTIVIST**

Denver Rocky Mountain News (RM) - Sunday, July 18, 1999

By: Ana Davico News Staff Writer

Edition: Final Section: Local Page: 10B

Word Count: 445

... pioneer in the use of data processing equipment for the construction industry.

He invented a **computerized** system for **estimating** the **costs** and requirements of **jobs** for contractors. In 1954, he founded Estimatic Corp., which sold electrical estimating services to more...

File 344:Chinese Patents Ads Aug 1985-2003/Nov  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)  
(c) 2003 JPO & JAPIO  
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379  
(c) 2003 Thomson Derwent

?ds

Set	Items	Description
S1	43046	(GOODS OR SERVICE? ? OR SUPPLIES OR RESOURCE? OR MATERIAL - OR MATERIALS OR EQUIPMENT?)(3N)(COST OR COSTS OR PROCUR? OR E- XPENSE? ? OR PRICE OR PRICES)
S2	20370	(JOB OR JOBS OR CONSTRUCTION? OR PROJECT? ?)(3N)(COST OR C- OSTS OR PROCUR? OR EXPENSE? ? OR PRICE OR PRICES)
S3	10883	(AUTOMATE? OR COMPUTERI? OR ELECTRONIC? OR DIGITI? OR DIGI- TAL?)(3N)(ESTIMAT? OR FORECAST? OR CALCULAT?)
S4	0	(BUILDING OR CONSTRUCTION)() (CODE? OR LAW OR LAWS OR REGUL- ATION OR REGULATIONS?)(5N)(CITY OR CITIES OR TOWN OR TOWNS OR LOCATION? ? OR JURISDICTION? ? OR ZIP()CODE? ?)
S5	0	S4(5N)(VALID? OR VERIF?)
S6	17	GAP()ANALYS?
S7	7	AU=(COMO, B? OR COMO B?)
S8	5	S2 AND S3
S9	0	S8 AND (S4 OR S6)
S10	4	S8 AND IC=G06F

10/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

015460615 \*\*Image available\*\*  
WPI Acc No: 2003-522757/200349  
XRPX Acc No: N03-414846

**Print job cost management method for high-end printers, involves calculating total cost including printer usage and print job postage costs by using set of predefined attributes and displaying calculated total cost**

Patent Assignee: HEWLETT-PACKARD CO (HEWP ); HOBBS G B (HOBB-I)  
Inventor: HOBBS G B  
Number of Countries: 004 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030084006	A1	20030501	US 20012761	A	20011029	200349 B
DE 10246688	A1	20030515	DE 1046688	A	20021007	200349
GB 2382691	A	20030604	GB 200223595	A	20021010	200349
JP 2003223308	A	20030808	JP 2002313694	A	20021029	200361

Priority Applications (No Type Date): US 20012761 A 20011029

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030084006	A1		9	G06F-017/00	
DE 10246688	A1			G06F-017/60	
GB 2382691	A			G06F-017/60	
JP 2003223308	A		8	G06F-003/12	

Abstract (Basic): US 20030084006 A1

NOVELTY - An electronic print job request along with a set of predefined attributes, is provided to computer (12). The usage cost including media cost, binding material cost and printer cost, and the postage cost based on media weight, print format and binding option, are calculated using the set of attributes. The total cost is determined by summing postage and usage costs and is displayed.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) program storage device storing program having instructions for managing print job costs .

(2) print job postage cost management method.

USE - For calculating cost of printing electronic documents such as direct mail advertisement by using high-end printers connected to computer, personal digital assistant (PDA), hand held computer, cell phones, laptop computers.

ADVANTAGE - The total cost associated with production and mailing of sophisticated electronic document is evaluated at the time of designing the electronic document itself.

DESCRIPTION OF DRAWING(S) - The figure shows the structural view of the networked computer system.

computer (12)

pp; 9 DwgNo 1/4

Title Terms: PRINT; JOB; COST; MANAGEMENT; METHOD; HIGH; END; PRINT;  
CALCULATE; TOTAL; COST; PRINT; PRINT; JOB; POSTAGE; COST; SET; PREDEFINED  
; ATTRIBUTE; DISPLAY; CALCULATE; TOTAL; COST

Derwent Class: P75; T01

International Patent Class (Main): G06F-003/12 ; G06F-017/00 ;  
G06F-017/60

International Patent Class (Additional): B41J-029/38; B41J-029/42;  
G06G-007/00

File Segment: EPI; EngPI

10/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX

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015192067 \*\*Image available\*\*

WPI Acc No: 2003-252601/200325

XRPX Acc No: N03-200709

Automated **analyses system** for calculating construction cost of building, calculates man-hour for every construction based on relationship between active construction area, operation volume and kind of construction

Patent Assignee: SUMITOMO FORESTRY CO LTD (SUMF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003064873	A	20030305	JP 2001260664	A	20010830	200325 B

Priority Applications (No Type Date): JP 2001260664 A 20010830

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003064873	A	10	E04G-021/00	

Abstract (Basic): JP 2003064873 A

NOVELTY - The man-hour required for every construction is calculated based on the relationship between active construction area, the operation volume and the kind of construction. An arithmetic unit (23) calculates the wages of each construction based on the labor cost.

USE - For calculating **construction cost** of building such as residence.

ADVANTAGE - Enables to accurately calculate a **construction cost**. Thereby efficiency of the construction is enhanced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the automated analysis system. (Drawing includes non-English language text).

arithmetic unit (23)

pp; 10 DwgNo 1/7

Title Terms: AUTOMATIC; ANALYSE; SYSTEM; CALCULATE; CONSTRUCTION; COST;

BUILD; CALCULATE; MAN; HOUR; CONSTRUCTION; BASED; RELATED; ACTIVE;

CONSTRUCTION; AREA; OPERATE; VOLUME; KIND; CONSTRUCTION

Derwent Class: Q46; T01

International Patent Class (Main): E04G-021/00

International Patent Class (Additional): **G06F-017/60**

File Segment: EPI; EngPI

10/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014385721 \*\*Image available\*\*

WPI Acc No: 2002-206424/200226

XRPX Acc No: N02-157215

Computerized **method of** estimating construction project costs by maintaining databases of hardware and cost data with graphical representations of grouped hardware items

Patent Assignee: MURPHY CO (MURP-N); DUENKE D (DUEN-I)

Inventor: DUENKE D

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200213108	A1	20020214	WO 2001US24873	A	20010809	200226 B
US 20020026343	A1	20020228	US 2000223963	P	20000809	200226
			US 2001925399	A	20010809	
AU 200186421	A	20020218	AU 200186421	A	20010809	200244

Priority Applications (No Type Date): US 2000223963 P 20000809; US

2001925399 A 20010809

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200213108 A1 E 56 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020026343 A1 G06F-017/60 Provisional application US 2000223963

AU 200186421 A G06F-017/60 Based on patent WO 200213108

Abstract (Basic): WO 200213108 A1

NOVELTY - Method consists in maintaining a database of items and cost data, grouping the items into desired installation sets, selecting the sets based on the **project** and calculating the **cost** of the **project**. A second database of graphical representations is maintained and displayed. The grouped items are HEVAC equipment, plumbing fixtures, supports, electrical fixtures etc.

DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for an **automated** system for **estimating construction project** equipment **costs**.

USE - Method is for determining construction hardware material and labor **costs** for **construction projects** using on-screen tools and instructions walking the user through.

ADVANTAGE - Method provides the user with graphical illustrations identifying equipment for the estimate and prompts for appropriate data.

DESCRIPTION OF DRAWING(S) - The figure shows a mechanical cost estimating system.

pp; 56 DwgNo 1/22

Title Terms: COMPUTER; METHOD; ESTIMATE; CONSTRUCTION; PROJECT; COST; MAINTAIN; HARDWARE; COST; DATA; GRAPHICAL; REPRESENT; GROUP; HARDWARE; ITEM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012511956 \*\*Image available\*\*

WPI Acc No: 1999-318062/199927

XRPX Acc No: N99-238284

Computerized **building material cost** estimation **system** - **computes cost of materials, number of material books, material number of sheets based on obtained order sheet issue and produces estimate value**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11110442	A	19990423	JP 97275531	A	19971008	199927 B

Priority Applications (No Type Date): JP 97275531 A 19971008

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 11110442 A 8 G06F-017/60

Abstract (Basic): JP 11110442 A

NOVELTY - Based on the obtained order sheet issue, the cost of materials, number of material books, material number of sheets, are calculated and the estimate is produced. Then, the material of each

material shape is sorted to an identical material name, material purchase order production of material unit are done. DETAILED DESCRIPTION - The classification of the material, is done based on the material shape, size and weight, beforehand and is stored. An information unit collects information about the identical material with the shape in each member units such as ceiling, side plate, a bottom board, and performs order-sheet issue. When the material name of identical shape is displayed that position is selected, and information corresponding to that stored previously are obtained to produce an order sheet issue.

USE - For estimating **cost** of material during **construction** of small sized building, cash automatic payment machine, unmanned booth, karaoke box, warehouse.

ADVANTAGE - The designer who do not know about material size, weight, can also estimate the expenses, by providing the database in the system. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **computerized** building material cost **estimation** system.

Dwg.1/15

Title Terms: BUILD; MATERIAL; COST; ESTIMATE; SYSTEM; COMPUTATION; COST; MATERIAL; NUMBER; MATERIAL; BOOK; MATERIAL; NUMBER; SHEET; BASED; OBTAIN; ORDER; SHEET; ISSUE; PRODUCE; ESTIMATE; VALUE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI